

# PROGRESS ON SANITATION AND DRINKING-WATER | 2013 UPDATE



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## JMP 2013 UPDATE: HIGHLIGHTS

This JMP 2013 update presents country, regional and global estimates for the year 2011. Since the JMP 2012 update, which presented 2010 estimates, results of 230 surveys have been added to the JMP database, bringing the total number of surveys in the JMP database close to 1700. As is to be expected from an annual update, the global estimates have hardly changed. Drinking-water coverage in 2011 remains at 89% – which is 1% above the MDG drinking-water target. In 2011, 768 million people relied on unimproved drinking-water sources.

Sanitation coverage in 2011 was 64%. The world remains off track to meet the MDG sanitation target of 75% and if current trends continue, it is set to miss the target by more than half a billion people. By the end of 2011, there were 2.5 billion people who still did not use an improved sanitation facility. The number of people practising open defecation decreased to a little over 1 billion, but this still represents 15% of the global population.

Since 2011, the JMP has facilitated broad discussions among more than 200 representatives from the water, sanitation and hygiene (WASH) sector, academia and the human rights and global monitoring communities to formulate new global WASH targets and indicators for consideration under

the post-2015 development agenda. On page 10 of this report, this process is further explained, and the preliminary outcomes of these discussions are presented for further consideration.

With less than three years to go, a final push is needed to meet the MDG sanitation target. This requires providing around 1 billion people with access to sanitation – a daunting task that can only be accomplished through the concerted efforts of many partners.

In March 2013, the Deputy Secretary-General of the United Nations called upon the world to increase global efforts to accelerate progress towards the MDG sanitation target, which is among the targets for which progress has fallen furthest behind. In particular, he called upon governments, civil society, the private sector and UN agencies to pull together and help end the practice of open defecation by the year 2025. Page 6 of this report shows which countries have decreased open defecation rates the most since 1990. Some of these countries still have a rather large proportion of the population practising open defecation, while others have reduced the practice to only a few per cent of the population.

# 1.

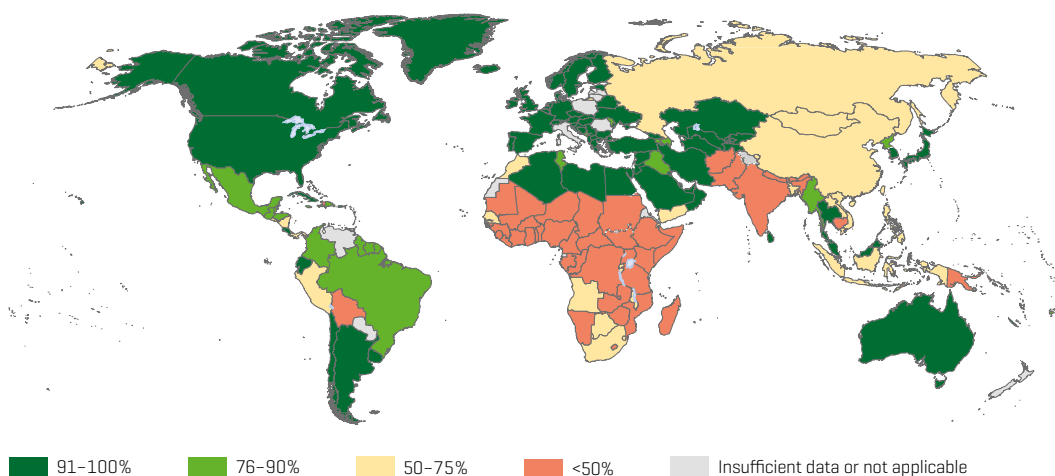
## GLOBAL SANITATION TRENDS

1990–2011

In 2011, almost two thirds [64%] of the world population relied on improved sanitation facilities, while 15% continued to defecate in the open. Since 1990, almost 1.9 billion people have gained access to an improved sanitation facility. The world, however, remains off track to meet the Millennium Development Goal [MDG] sanitation target, which requires reducing

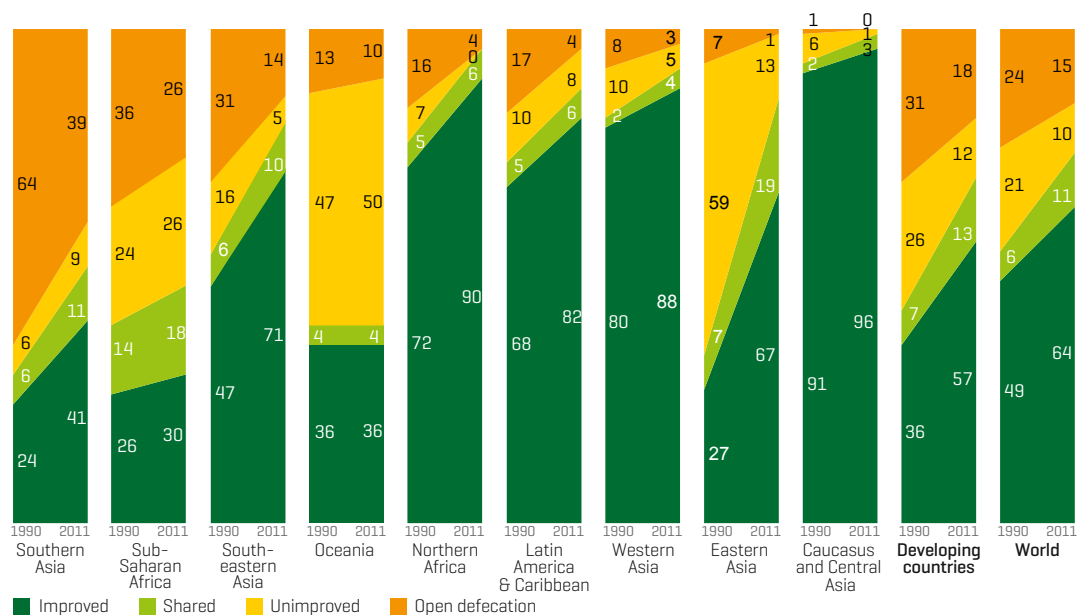
the proportion of people without access from 51% in 1990, to 25% by 2015. The greatest progress has been made in Eastern Asia, where sanitation coverage has increased from 27% in 1990 to 67% in 2011. This amounts to more than 626 million people gaining access to improved sanitation facilities over a 21-year period.

**There are 45 countries where sanitation coverage is less than 50 percent**



**Figure 1. Proportion of the population using improved sanitation in 2011.**

**Open defecation rates have sharply declined in almost all developing regions**



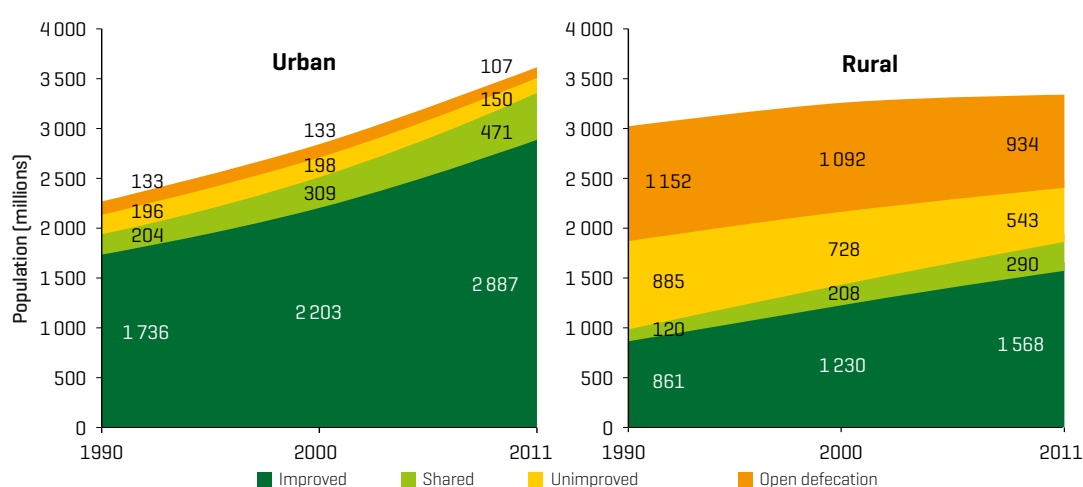
**Figure 2. Sanitation coverage trends by developing regions and the world, 1990–2011.**



By the end of 2011, there were 2.5 billion people who lacked access to an improved sanitation facility. Of these, 761 million use public or shared sanitation facilities and another 693 million use facilities that do not meet minimum standards of hygiene (unimproved

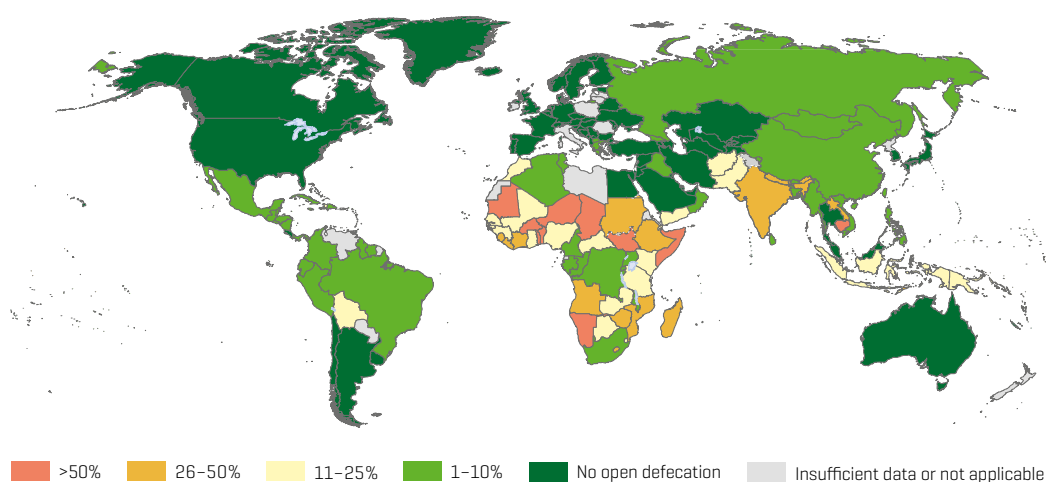
sanitation facilities). The remaining 1 billion (15% of the world population) still practise open defecation. The majority (71%) of those without sanitation live in rural areas, where 90% of all open defecation takes place.

**Since 1990, 1.1 billion people in urban areas gained access to improved sanitation whereas the urban population grew by 1.3 billion people**



**Figure 3. Global sanitation coverage and open defecation trends in urban and rural areas by population, 1990–2011.**

**27 Countries have more than a quarter of the population still practising open defecation**



**Figure 4. Proportion of the population practising open defecation in 2011.**

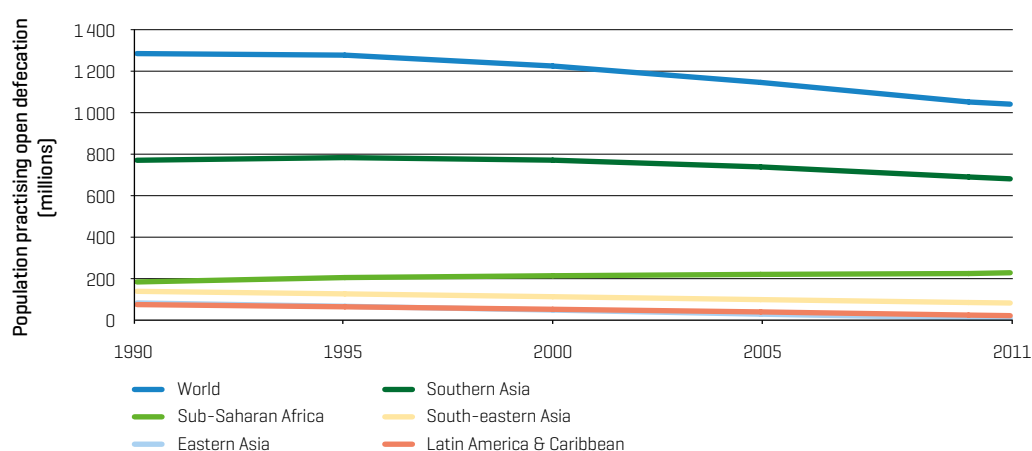
# 2.

## TRENDS IN OPEN DEFECATION 1990–2011

Open defecation rates declined globally from 24% in 1990 to 15% in 2011. In absolute numbers, this signifies a drop of 244 million people to 1.04 billion in 2011. The decline in the population practising open defecation has differed from region to region. Eastern Asia, South-eastern Asia and the Latin America and

Caribbean regions have seen a steady decline since the JMP's earliest measurements describing conditions in 1990. In Southern Asia, the population practising open defecation peaked around 1995, after which it declined. Only in sub-Saharan Africa is the number of people defecating in the open still increasing.

**The global population practising open defecation is slowly declining**



**Figure 5. Open defecation trends in developing regions and the world, 1990–2011.**

### Many countries have made remarkable progress in reducing open defecation rates

Country	Open defecation rate [%]		Percentage point decline	Annual rate of decline [%]
	1990	2011	1990–2011	1990–2011
Viet Nam	40	3	37	12.3
Bangladesh	32	4	28	9.9
Peru	34	6	28	8.3
Malawi	31	6	25	7.8
Honduras	33	7	26	7.4
Lao People's Democratic Republic*	69	32	37	4.8
Plurinational State of Bolivia	46	19	27	4.2
Pakistan	52	23	29	3.9
Angola	57	26	31	3.7
Haiti	50	23	27	3.7
Ethiopia	93	45	48	3.5
Nepal	84	43	41	3.2
Benin	80	54	26	1.9
Cambodia	84	58	26	1.8

\* There are no 1990 open defecation estimates for Lao People's Democratic Republic, so the range given here is for 1995–2011.

**Table 1. Countries where open defecation rates declined 25 percentage points or more since 1990**





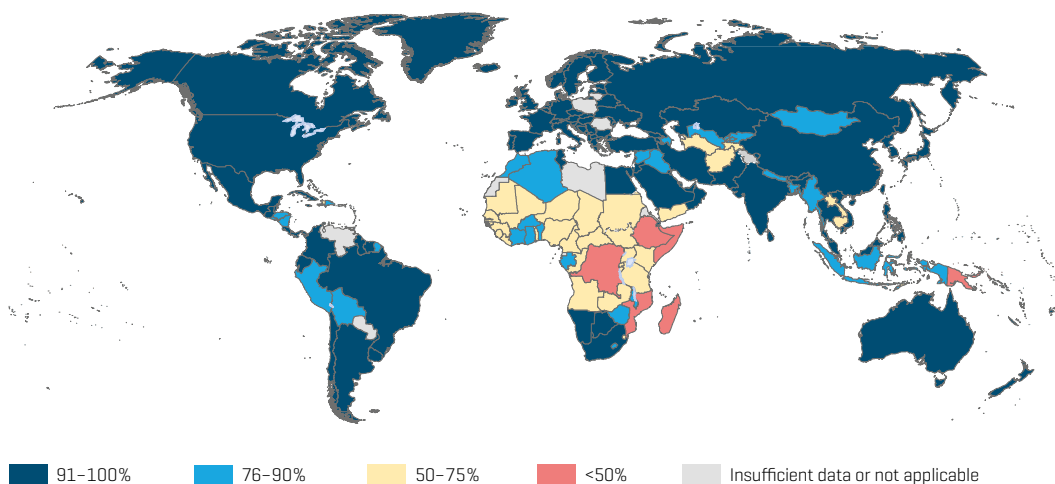
# 3.

## GLOBAL DRINKING-WATER TRENDS 1990–2011

By the end of 2011, 89% of the world population used an improved drinking-water source, and 55% enjoyed the convenience and associated health benefits of a piped supply on premises. An estimated 768 million people did not use an improved source for drinking-water in 2011, including 185 million who relied on surface water to meet their daily drinking-water needs. Urban drinking-water coverage has remained high over the past two decades, and currently only 4% of the urban population relies

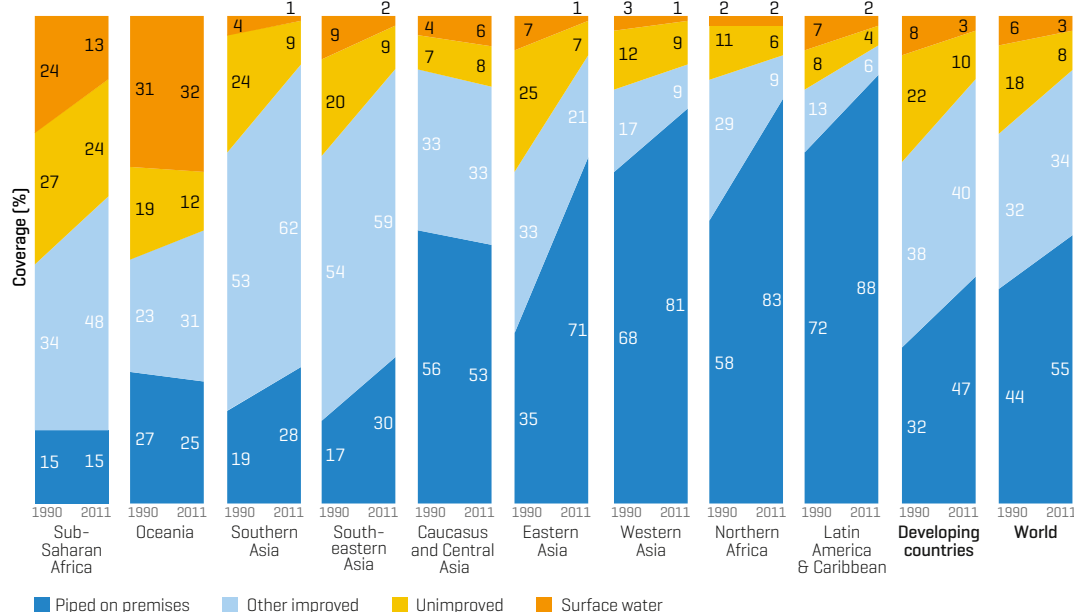
on unimproved sources. However, in spite of the high urban drinking-water coverage rates, issues of service quality remain. Supplies are often intermittent and this increases contamination risks. Of the 2.1 billion people who gained access since 1990, almost two thirds, 1.3 million, lived in urban areas. By the end of 2011, 83% of the population without access to an improved drinking-water source lived in rural areas.

### Sub-Saharan Africa and Oceania have the lowest drinking-water coverage



**Figure 6.** Proportion of the population using improved sources of drinking-water in 2011.

### Less than a third of the population in four regions enjoy piped water on premises



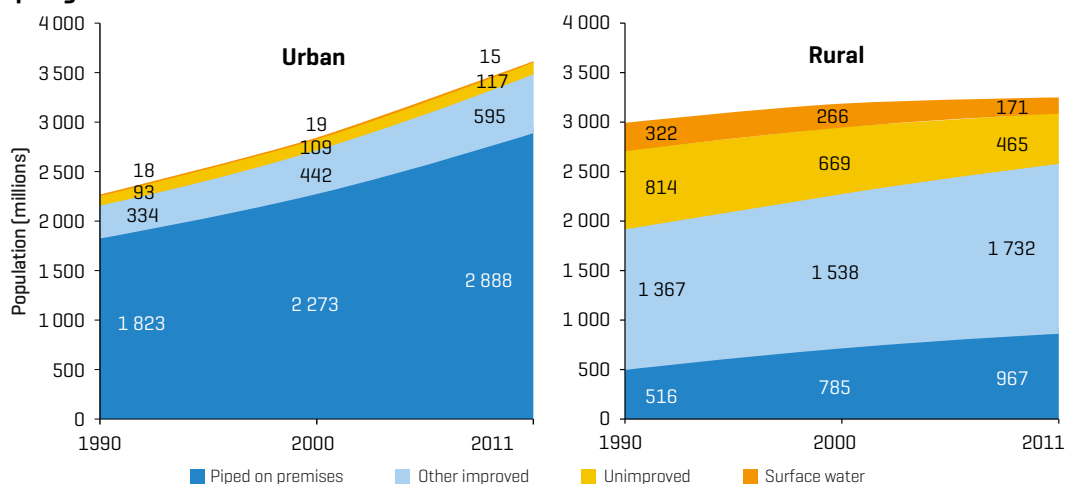
**Figure 7.** Drinking-water coverage trends by developing regions and the world, 1990–2011.



Over 70% of the global progress made in access to improved sources of drinking-water has been achieved through gaining access to piped drinking-water on

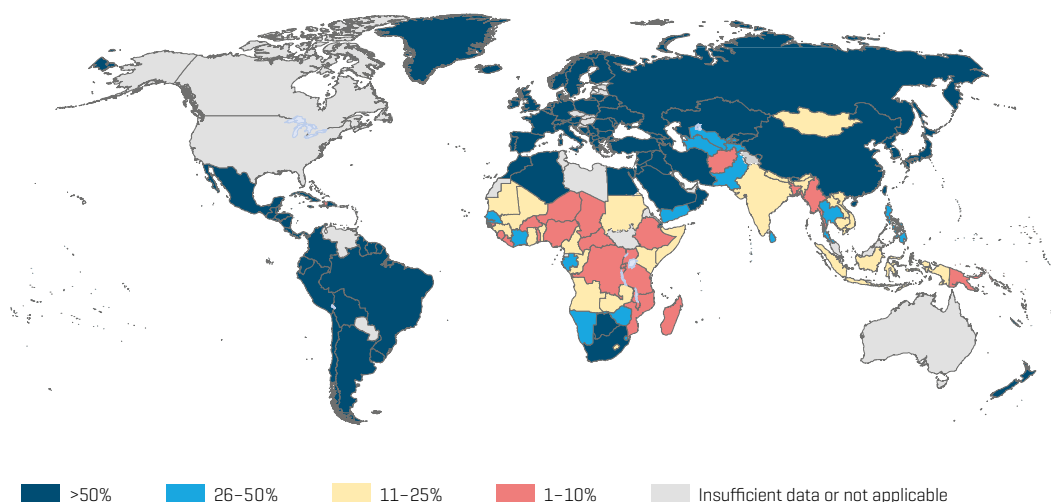
premises. More than two thirds of the 1.5 billion people who gained access to piped supplies at home live in urban areas.

**In rural areas, 1.7 billion people rely on public taps, handpumps, protected wells, protected springs and rainwater**



**Figure 8.** Global drinking-water coverage trends in urban and rural areas, 1990–2011.

**Piped drinking-water supplies on premises are associated with the best health outcomes**



**Figure 9.** Proportion of the population using piped water on premises in 2011.



# TOWARDS A POST-2015 DEVELOPMENT AGENDA

The WHO/UNICEF JMP-led technical process on the formulation of post-2015 WASH targets and indicators

## A new era: the post-2015 consultations

Anticipating the discussion on post-2015 development goals, the World Health Organization (WHO) and the United Nations Children's Fund (UNICEF) convened a first consultation with broad stakeholder representation in Berlin in May 2011, to start a process of formulating proposals for post-2015 targets and corresponding indicators for water, sanitation and hygiene (WASH), in the context of possible goals.

The first consultation reviewed the current global drinking-water and sanitation monitoring landscape, identified the strengths and weaknesses of the current MDG targets and indicators, discussed the relevance of the principles underlying the human rights to water and sanitation for consideration in future goals and targets and reached agreement on a roadmap towards the formulation of a menu of options with a limited number of viable global targets and indicators corresponding to a possible global WASH goal.

As an outcome of the Berlin consultation, four working groups<sup>1</sup> were established: Water Supply, Sanitation, Hygiene and Equity and Non-Discrimination (END), consisting of WASH sector and human rights experts and representatives from academia and the global monitoring community tasked with the development of targets and indicators for the specific subsector (except for END, which was cross-sectoral). Participants agreed to reconvene for a second consultation in The Hague, the Netherlands, in December 2012 to review the work of the respective groups.

In the development of targets and indicators, all working groups were asked to consider the following principles:

- They should be formulated in the context of a simple, inspirational vision, articulated around universal access and use of safe drinking-water and sanitation, with hygiene being added to the scope of the new targets.
- They should reflect progressive realization of the human rights to safe drinking-water and sanitation.
- They should build on existing indicators and monitoring mechanisms to ensure continuity in global monitoring.

<sup>1</sup> Working group leads: Water Supply: WaterAid and International Water and Sanitation Centre; Sanitation: World Bank Water and Sanitation Program; Hygiene: United States Agency for International Development; Equity and Non-Discrimination: United Nations (UN) Secretary-General Special Rapporteur on the Human Right to Water and Sanitation/Office of the High Commissioner on Human Rights.

## Process

Over the ensuing 18 months, the working groups developed proposals for targets and indicators. These were based on the above-mentioned principles and a shared vision that:

- **No one** should practise open defecation.
- **Everyone** should have safe water, sanitation and hygiene at home.
- **All schools and health centres** should have water, sanitation and hygiene.
- Water, sanitation and hygiene should be **sustainable**.
- **Inequalities** in access should be **eliminated**.

The targets and indicators were presented in a consolidated document to the wider development community during the second consultation, held in The Hague in early December 2012.

The proposed targets address the objectives of progressive realization through increasing the numbers of people using services, reducing inequalities, increasing service levels, driving progress in schools and health centres as well as households and achieving sustainable, universal coverage. At their core, the targets are aspirational and visionary. They do not merely formulate what is practical to achieve, but instead strive for the best we can do as a global society.

## Detailed targets

The four targets include both interim and final targets and indicators and have received broad support among experts in the sector.

**Target 1:** By 2025, no one practices open defecation and inequalities in the practice of open defecation have been progressively eliminated.

**Target 2:** By 2030, everyone uses a basic drinking-water supply and handwashing facilities when at home, all schools and health centres provide all users with basic drinking-water supply and adequate sanitation, handwashing facilities and menstrual hygiene facilities and inequalities in access to each of these services have been progressively eliminated.



**Target 3:** By 2040, everyone uses adequate sanitation when at home, the proportion of the population not using an intermediate drinking-water supply service at home has been reduced by half, the excreta from at least half of schools, health centres and households with adequate sanitation are safely managed and inequalities in access to each of these services have been progressively reduced.

**Target 4:** All drinking-water supply, sanitation and hygiene services are delivered in a progressively affordable, accountable and financially and environmentally sustainable manner.

#### Scope of targets:

The targets are global, are outcome-focused and reflect a progressive realization of the human rights to water and sanitation. Based on the simple inspirational vision of the universal access to safe water, sanitation and hygiene, they focus on the poor, disadvantaged and those excluded at the individual and household level, as well as in schools and health centres. Pursuing the elimination of inequities and inequalities, the targets seek to both increase the number of people using water, sanitation and hygiene as well as progressively improve levels of service.

#### Format of targets:

There are between one and three targets per subsector, each with a set of accompanying indicators that are unambiguous, expressed in simple language to be as easily communicated as possible and without professional jargon. The targets are cohesive, each with clear and comprehensive definitions, expressed in terms of a set of dates by which various levels of inequality reduction and improvements in service levels and practices will have taken place, while respecting each subsector equally (not allowing one subsector to subsume another). As the target year of the future global development framework has not yet been set, a 25-year period is assumed, between 2015 and 2040.

## Moving forward

During 2013, proposed indicators and their data sources will be further validated to ensure that the indicators robustly measure the proposed targets. Time permitting, the WHO/UNICEF Joint Monitoring Programme for Water Supply and Sanitation (JMP) intends to collect information on the indicators where data are available in order to be able to establish a credible baseline by 2015.

While the JMP is facilitating the technical process, a parallel political process has begun, with many groups reaching out to UN member states, championing WASH in the wider post-2015 discussions. No matter what framework is adopted for the post-2015 development agenda, these ambitious yet realistic targets can guide the way towards better water, sanitation and hygiene for all people and in doing so will help reduce poverty and achieve sustainable development.

The reports of the consultations held in Berlin and The Hague, along with the consolidated proposal document and the detailed reports of the four working groups, can all be downloaded from [www.wssinfo.org/post-2015-monitoring/](http://www.wssinfo.org/post-2015-monitoring/).

### Some proposed definitions for post-2015

#### Basic drinking-water supply:

- Use of an improved drinking-water source\*
- ≤ 30 minute water collection round trip

#### Intermediate drinking-water supply at home:

- Use of an improved drinking-water source on premises\*
- Available in acceptable quantities at least 12 of the past 14 days
- Water quality of < 10 cfu (colony-forming units) of *E.Coli*/100ml

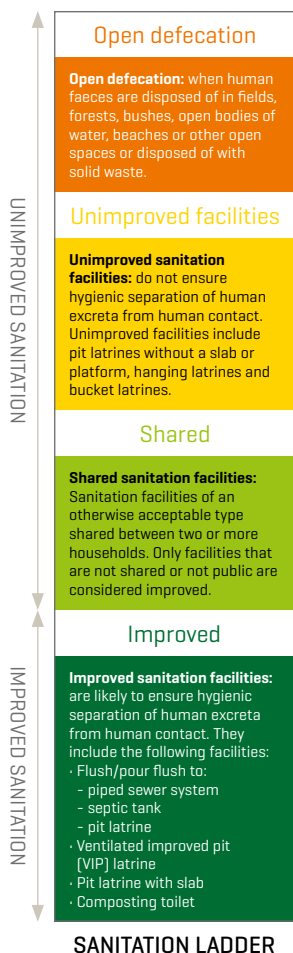
*\*for urban areas excluding protected dug wells and protected springs*

#### Adequate sanitation at home:

- Use of an improved sanitation facility at home
- Shared between five households or less

# 5.

## THE JMP METHOD



The JMP is tasked with providing estimates that are comparable among countries and across time. Because definitions of “improved” sanitation facilities and drinking-water sources can vary widely among countries, the JMP has established a standard set of categories that are used to analyse national data on which the MDG trends and estimates are based [see page margins for the categories and definitions of access to drinking-water and sanitation]. The population data used in this report, including the proportion of the population living in urban and rural areas, are those established by the UN Population Division [World Population Prospects: 2011 Revision]. The definitions and data sources used by the JMP are often different from those used by national governments. Estimates in this report may therefore differ from national estimates. According to the JMP, an improved drinking-water source is one that, by the nature of its construction, adequately protects the source from outside contamination, particularly faecal matter. An improved sanitation facility is one that hygienically separates human excreta from human contact. The coverage estimates for improved sanitation facilities presented in this report are discounted by the proportion of the population that shared an improved type of sanitation facility. The percentage of the population that shares a sanitation facility of an otherwise improved type is subtracted from the trend estimates of improved sanitation facilities. This is derived from the average of data from household surveys or censuses with such a ratio.

For each country, the JMP estimates are based on fitting a regression<sup>1</sup> line to a series of data points from household surveys and censuses. Because the regression involves retrofitting the entire time series, estimates may differ from and may not be comparable to earlier estimates for the same reference year [including the 1990 baseline year]. This is a result of adding newly available data and filling in missing data

for past years. Questions are often raised about the appropriateness of using a linear trend line. It can be argued that other types of curve-fitting procedures might better reflect the progression of coverage over time. However, the paucity of data points in many countries makes the use of more complex procedures inconsistent with good statistical practice. When MDG monitoring commenced, linear regression was deemed the best method for the limited amount of often poorly comparable data on file [some countries had as few as two data points for many years], especially given the relatively short time frame of the MDGs – 25 years is only a fraction of the time needed to go from no access to full coverage. Unfortunately, the current use of linear regression to derive estimates does not allow rapid changes in coverage to be captured. The increased availability of comparable data now allows for the exploration of more sophisticated modelling in preparation for a new, post-2015 drinking-water target.

Since the publication of the JMP 2012 progress report, 230 datasets from 117 countries have been added to the JMP database [see map on page 13]. The new estimates are based on almost 1700 datasets, nearly double the number of datasets on file five years ago. The JMP has benefited from the increased availability of household survey data on web sites of national statistics offices as well as from the survey repository of the International Household Survey Network hosted by the World Bank. Collaboration with the Secretariat of the Pacific Community resulted in an additional 20 datasets for the countries in Oceania, a region for which the JMP previously had few data. In total, 59 datasets from countries in Oceania were added to the JMP database, significantly increasing the robustness of estimates for that region. The table on page 13 gives a breakdown by region of the data added since the publication of the 2012 report, for the periods before and after the year 2000.

<sup>1</sup> Simple linear regression is used to estimate the proportion of the population using the following drinking-water sources:

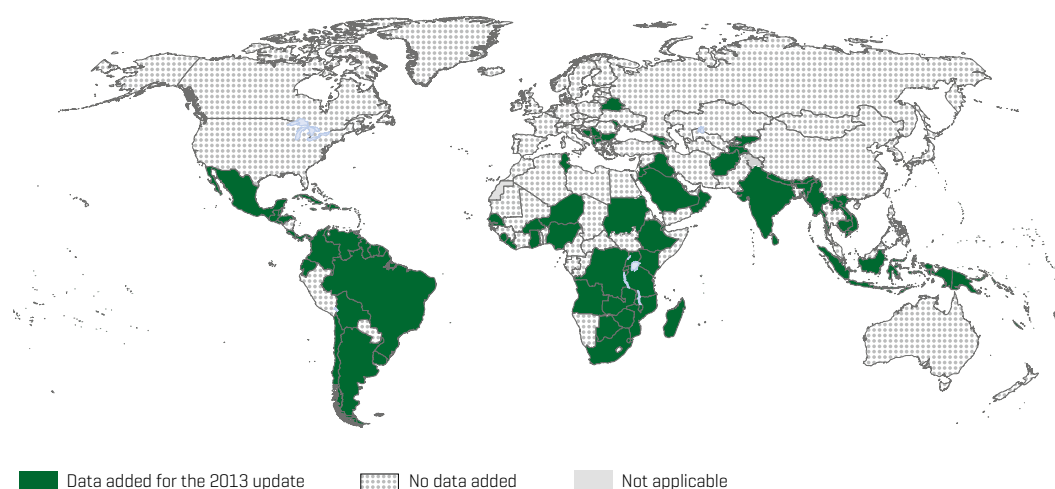
- Piped supplies on premises
- Improved drinking-water sources
- Surface water
- and sanitation facilities:
- Improved types of sanitation facilities (including shared facilities of an improved type)
- Open defecation

The remaining population uses unimproved drinking-water sources and unimproved sanitation facilities, respectively.

For communication purposes in its report, the JMP displays these proportions as rounded integers, which together add to 100% for drinking-water and sanitation, respectively. For its database on the JMP web site ([www.wssinfo.org](http://www.wssinfo.org)), we use unrounded estimates to achieve greater accuracy when converting coverage estimates into numbers of people with or without access. Any “apparent” discrepancies between the published estimates and those derived from the JMP web site are due to the published estimates appearing rounded to the nearest integer.



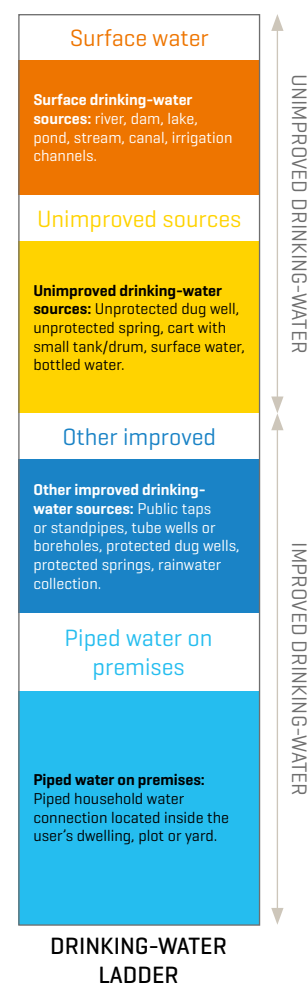
### The JMP 2013 report includes new data for 117 countries



**Figure 10.** Countries where new data were added since the 2012 report.

**Table 2.** New datasets added to the JMP database since the publication of the JMP 2012 progress report.

Region	Number of pre-2000 datasets	Number of 2000–2007 datasets	Number of post-2007 datasets
Western Asia	1	5	3
Sub-Saharan Africa	5	4	33
South-eastern Asia	2	1	6
Southern Asia	0	3	9
Oceania	16	27	16
Northern Africa	0	0	1
Latin America and the Caribbean	15	28	32
Caucasus and Central Asia	2	1	3
Eastern Asia	0	0	0
Developed countries	0	10	7
Total	41	79	110



Country, area or territory	Year	Population (x 1000)	Percentage urban population	USE OF SANITATION FACILITIES (percentage of population)												Proportion of the 2011 population that gained access since 1995 [%]
				URBAN				RURAL				NATIONAL				
				Improved	Unimproved			Improved	Unimproved			Improved	Unimproved			
					Shared	Unimproved	Open defecation		Shared	Unimproved	Open defecation		Shared	Unimproved	Open defecation	
Afghanistan	1990 2000 2011	13 032 22 856 32 358	18 21 24	32 46 46	- 14 20	- 43 34	- 11 0	21 23 23	7 8 8	- 40 48	- 32 21	23 28 28	9 11 11	- 40 45	28 16 16	16
Albania	1990 2000 2011	3 289 3 072 3 216	36 42 53	93 94 95	4 4 4	3 2 1	0 0 0	74 81 93	5 6 7	21 13 0	0 0 0	81 86 94	5 5 5	14 9 1	0 0 0	14
Algeria	1990 2000 2011	25 299 30 534 35 980	52 61 73	99 99 98	- - -	1 0 1	0 1 1	77 82 88	- - -	8 4 2	15 14 10	89 92 95	- - -	3 2 2	8 6 3	24
American Samoa	1990 2000 2011	47 58 70	81 89 93	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	97 97 97	- - -	3 3 3	- - -	23
Andorra	1990 2000 2011	53 65 86	95 92 87	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	25
Angola	1990 2000 2011	10 335 13 926 19 618	37 49 59	67 75 86	- - -	0 2 11	33 23 3	7 11 19	- - -	21 22 22	72 67 59	29 42 59	- - -	14 12 15	57 46 26	37
Anguilla	1990 2000 2011	8 11 16	100 100 100	- 92 98	- - -	- 6 0	- 2 2	NA NA NA	NA NA NA	NA NA NA	NA NA NA	- 92 98	- - -	- 6 0	- 2 2	41
Antigua and Barbuda	1990 2000 2011	62 78 90	35 32 30	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	75 85 91	- - -	20 13 9	5 2 0	30
Argentina	1990 2000 2011	32 642 36 931 40 765	87 90 93	89 93 96	2 2 2	9 5 2	0 0 0	68 83 98	1 1 2	31 16 0	0 0 0	87 92 96	2 2 2	11 6 2	0 0 0	20
Armenia	1990 2000 2011	3 545 3 076 3 100	67 65 64	95 96 96	3 3 3	2 1 1	0 0 0	- 77 81	- 3 3	- 20 16	- 0 0	- 89 90	- 3 3	- 8 7	- 0 0	NA*
Aruba	1990 2000 2011	62 90 108	50 47 47	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	99 98 98	- - -	0 1 1	1 1 1	25
Australia	1990 2000 2011	17 096 19 164 22 606	85 87 89	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	20
Austria	1990 2000 2011	7 671 8 005 8 413	66 66 68	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	6
Azerbaijan	1990 2000 2011	7 212 8 111 9 306	54 51 54	- 73 86	- 9 11	- 18 3	- 0 0	- 50 78	- 2 3	- 48 18	- 0 1	- 62 82	- 6 7	- 32 11	- 0 0	34
Bahamas	1990 2000 2011	256 298 347	80 82 84	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- 88 -	- 5 -	- 6 -	- 1 -	-
Bahrain	1990 2000 2011	493 638 1 324	88 88 89	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	99 99 99	- - -	1 1 1	0 0 0	57
Bangladesh	1990 2000 2011	105 256 129 592 150 494	20 24 28	54 55 55	29 30 30	10 10 13	7 5 2	34 42 55	16 20 26	12 14 14	38 24 5	38 45 55	19 23 27	11 13 14	32 19 4	23
Barbados	1990 2000 2011	260 268 274	33 38 44	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	82 90 -	- - -	18 9 -	0 1 -	-
Belarus	1990 2000 2011	10 260 10 058 9 559	66 70 75	91 91 92	8 8 8	1 1 0	0 0 0	96 96 97	2 2 2	2 2 1	0 0 0	93 93 93	6 7 7	1 0 0	0 0 0	NA*
Belgium	1990 2000 2011	9 949 10 176 10 754	96 97 97	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	6

\*NA\* represents data not applicable. A dash [-] represents data not available at the time of publication. \* Shown as NA for countries with a declining population over the period 1995–2011.

<sup>1</sup> For communication purposes in its report, the JMP displays these proportions as rounded integers, which together add to 100% for drinking-water and sanitation, respectively. For its database on the JMP web site ([www.wssinfo.org](http://www.wssinfo.org)), we use unrounded estimates to achieve greater accuracy when converting coverage estimates into numbers of people with or without access. Any "apparent" discrepancies between the published estimates and those derived from the JMP web site are due to the published estimates appearing rounded to the nearest integer.



Country, area or territory	Year	USE OF DRINKING-WATER SOURCES (percentage of population)														Proportion of the 2011 population that gained access since 1995 (%)	
		URBAN					RURAL					NATIONAL					
		Improved			Unimproved		Improved			Unimproved		Improved			Unimproved		
		Total improved	Piped on premises	Other improved	Unimproved	Surface water	Total improved	Piped on premises	Other improved	Unimproved	Surface water	Total improved	Piped on premises	Other improved	Unimproved		Surface water
Afghanistan	1990 2000 2011	- 36 85	3 10 27	- 26 58	- 54 11	- 10 4	3 18 53	0 0 4	3 18 49	49 45 34	48 37 13	- 22 61	1 2 9	- 20 52	- 47 28	- 31 11	58
Albania	1990 2000 2011	100 100 95	96 95 91	4 5 4	0 0 5	0 0 0	95 95 94	- 44 71	- 51 23	3 3 6	2 2 0	97 97 95	- 65 82	- 32 13	- 2 5	2 2 0	1 1 0
Algeria	1990 2000 2011	100 93 85	87 84 80	13 9 5	0 7 15	0 7 0	88 84 79	48 52 56	40 32 23	10 15 20	2 1 1	94 89 84	69 72 74	25 17 10	5 11 16	1 0 0	11
American Samoa	1990 2000 2011	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	94 100 100	65 79 81	29 21 19	6 0 0	- 0 0	26
Andorra	1990 2000 2011	100 100 100	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	100 100 100	0 0 0	0 0 0	0 0 0	25
Angola	1990 2000 2011	43 52 66	16 23 33	27 29 33	44 36 31	13 12 3	42 39 35	1 1 1	41 38 34	28 24 15	30 37 50	42 46 53	6 12 20	36 34 33	34 29 25	24 25 22	27
Anguilla	1990 2000 2011	- 93 95	- 58 -	- 35 -	- 7 5	- - -	NA NA NA	NA NA NA	NA NA NA	NA NA NA	NA NA NA	93 95	58 -	35 -	7 5	- -	36
Antigua and Barbuda	1990 2000 2011	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	97 98 98	61 76 86	36 22 12	3 2 2	- - -	23
Argentina	1990 2000 2011	97 98 100	74 86 99	23 12 1	3 2 0	0 0 0	69 81 95	13 50 90	56 31 5	18 12 0	13 7 5	93 97 99	66 82 98	27 15 1	5 2 1	2 1 0	18
Armenia	1990 2000 2011	98 99 100	95 96 98	3 3 2	2 1 0	0 0 0	- 82 98	52 68 91	- 14 7	- 18 2	- 0 0	- 93 99	81 86 96	- 7 3	- 7 1	- 0 0	5
Aruba	1990 2000 2011	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	91 94 98	90 91 93	1 3 5	9 6 2	0 0 0	29
Australia	1990 2000 2011	100 100 100	- - -	- - -	0 0 0	0 0 0	100 100 100	- - -	- - -	0 0 0	0 0 0	100 100 100	- - -	- - -	0 0 0	0 0 0	20
Austria	1990 2000 2011	100 100 100	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	100 100 100	0 0 0	0 0 0	0 0 0	6
Azerbaijan	1990 2000 2011	88 88 88	67 72 78	21 16 10	11 11 10	1 1 2	49 59 71	17 18 20	32 41 51	33 24 13	18 17 16	70 74 80	44 46 51	26 28 29	21 17 12	9 9 8	21
Bahamas	1990 2000 2011	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- 96 96	- 93 -	- 3 -	- 4 4	- - -	19
Bahrain	1990 2000 2011	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	95 99 100	39 92 100	56 7 0	5 1 0	- - 0	59
Bangladesh	1990 2000 2011	87 86 85	24 27 31	63 59 54	13 14 14	0 0 1	74 77 82	0 0 1	74 77 81	22 20 16	4 3 2	76 79 83	5 7 10	71 72 73	21 19 16	3 2 1	23
Barbados	1990 2000 2011	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	95 99 100	94 96 97	1 3 3	5 1 0	- - 0	6
Belarus	1990 2000 2011	100 100 100	- 90 95	- 10 5	0 0 0	0 0 0	99 99 99	- 31 79	- 68 20	1 1 1	0 0 0	100 100 100	- 72 91	- 28 9	0 0 0	0 0 0	NA*
Belgium	1990 2000 2011	100 100 100	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	96 99 100	4 1 0	0 0 0	0 0 0	100 100 100	100 100 100	0 0 0	0 0 0	0 0 0	6

\*NA\* represents data not applicable. A dash [-] represents data not available at the time of publication. \* Shown as NA for countries with a declining population over the period 1995–2011.

Country, area or territory	Year	Population (x 1000)	Percentage urban population	USE OF SANITATION FACILITIES (percentage of population)												Proportion of the 2011 population that gained access since 1995 [%]
				URBAN				RURAL				NATIONAL				
				Improved	Unimproved			Improved	Unimproved			Improved	Unimproved			
					Shared	Unimproved	Open defecation		Shared	Unimproved	Open defecation		Shared	Unimproved	Open defecation	
Belize	1990 2000 2011	190 251 318	47 48 45	76 85 93	6 6 7	14 7 0	4 2 0	76 81 87	6 6 7	9 7 3	9 6 3	76 83 90	6 6 7	11 7 2	7 4 1	35
Benin	1990 2000 2011	4 773 6 518 9 100	34 38 45	14 19 25	20 28 37	14 13 11	52 40 27	0 3 5	1 6 12	3 4 7	96 87 76	5 9 14	7 15 23	8 7 9	80 69 54	10
Bermuda	1990 2000 2011	60 63 65	100 100 100	- - -	- - -	- - -	- - -	NA NA NA	NA NA NA	NA NA NA	NA NA NA	- - -	- - -	- - -	- - -	-
Bhutan	1990 2000 2011	559 571 738	16 25 36	- 66 74	- 19 21	- 10 5	- 5 0	- 30 29	- 28 28	- 30 38	- 12 5	- 39 45	- 26 26	- 24 26	- 11 3	-
Bolivia (Plurinational State of)	1990 2000 2011	6 658 8 307 10 088	56 62 67	41 49 57	20 24 28	14 11 10	25 16 5	12 18 24	3 4 5	13 16 22	72 62 49	28 37 46	12 16 20	14 13 15	46 34 19	22
Bosnia and Herzegovina	1990 2000 2011	4 308 3 694 3 752	39 43 48	98 98 100	0 0 0	1 2 0	1 0 0	- 93 92	- 1 1	- 5 7	- 1 0	- 95 96	- 1 0	- 3 4	- 1 0	11
Botswana	1990 2000 2011	1 382 1 758 2 031	42 53 62	61 70 78	5 6 6	23 18 16	11 6 0	22 32 42	6 8 11	20 17 12	52 43 35	39 52 64	5 7 8	21 18 15	35 23 13	28
Brazil	1990 2000 2011	149 650 174 425 196 655	74 81 85	79 83 87	1 1 1	14 13 11	6 3 1	31 39 48	1 1 1	20 26 33	48 34 18	67 75 81	1 1 1	15 15 14	17 9 4	23
British Virgin Islands	1990 2000 2011	16 20 23	38 39 41	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	98 98 98	- - -	1 1 1	1 1 1	21
Brunei Darussalam	1990 2000 2011	252 327 406	66 71 76	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	-
Bulgaria	1990 2000 2011	8 819 8 006 7 446	66 69 73	100 100 100	0 0 0	0 0 0	0 0 0	99 99 100	0 0 0	1 1 0	0 0 0	99 100 100	0 0 0	1 0 0	0 0 0	NA*
Burkina Faso	1990 2000 2011	9 324 12 294 16 968	14 18 27	44 47 50	32 33 36	13 10 5	11 10 9	2 4 6	3 6 9	6 7 10	89 83 75	8 12 18	7 11 16	7 7 8	78 70 58	12
Burundi	1990 2000 2011	5 602 6 374 8 575	6 8 11	33 38 45	26 31 36	40 30 17	1 1 2	42 46 51	5 5 6	50 46 40	3 3 3	42 46 50	6 7 9	49 44 38	3 3 3	19
Cambodia	1990 2000 2011	9 532 12 447 14 305	16 19 20	36 50 76	5 7 10	9 6 1	50 37 13	3 10 22	1 2 5	6 6 4	90 82 69	9 18 33	1 3 6	6 5 3	84 74 58	25
Cameroon	1990 2000 2011	12 181 15 678 20 030	40 46 52	63 61 58	20 19 18	15 19 23	2 1 1	37 37 36	8 8 8	38 40 44	17 15 12	47 48 48	13 13 13	29 30 33	11 9 6	15
Canada	1990 2000 2011	27 701 30 667 34 350	77 79 81	100 100 100	0 0 0	0 0 0	0 0 0	99 99 99	- - -	1 1 1	- - -	100 100 100	- - -	0 0 0	0 0 0	15
Cape Verde	1990 2000 2011	348 437 501	44 53 63	- 61 74	- - -	- 12 8	- 27 18	- 25 45	- - -	- 17 13	- 58 42	- 44 63	- - -	- 15 10	- 41 27	34
Cayman Islands	1990 2000 2011	26 40 57	100 100 100	96 96 96	- - -	4 4 4	- - -	NA NA NA	NA NA NA	NA NA NA	NA NA NA	96 96 96	- - -	4 4 4	- - -	41
Central African Republic	1990 2000 2011	2 935 3 702 4 487	37 38 39	21 32 43	12 18 24	57 44 30	10 6 3	5 16 28	2 8 14	44 36 27	49 40 31	11 22 34	6 12 18	49 39 28	34 27 20	23
Chad	1990 2000 2011	6 011 8 222 11 525	21 22 22	21 26 31	12 15 18	42 39 37	25 20 14	4 5 6	1 1 1	2 7 13	93 87 80	8 10 12	3 4 5	10 14 18	79 72 65	6
Chile	1990 2000 2011	13 188 15 420 17 270	83 86 89	91 95 100	- - -	5 2 0	4 3 0	53 70 89	- - -	41 26 9	6 4 2	85 92 99	- - -	10 5 1	5 3 0	25
China	1990 2000 2011	1 145 195 1 269 117 1 347 565	26 36 51	48 61 74	15 20 24	34 18 2	3 1 0	15 35 56	4 9 14	72 51 28	9 5 2	24 45 65	7 13 19	62 38 15	7 4 1	34

Country, area or territory	Year	USE OF DRINKING-WATER SOURCES (percentage of population)															Proportion of the 2011 population that gained access since 1995 (%)
		URBAN					RURAL					NATIONAL					
		Improved			Unimproved		Improved			Unimproved		Improved			Unimproved		
		Total improved	Piped on premises	Other improved	Unimproved	Surface water	Total improved	Piped on premises	Other improved	Unimproved	Surface water	Total improved	Piped on premises	Other improved	Unimproved	Surface water	
Belize	1990	88	74	14	12	0	59	20	39	30	11	73	46	27	21	6	44
	2000	92	80	12	8	0	79	44	35	15	6	85	61	24	12	3	
	2011	97	86	11	2	1	100	69	31	0	0	99	77	22	1	0	
Benin	1990	72	16	56	19	9	49	0	49	22	29	57	5	52	21	22	38
	2000	78	23	55	17	5	59	2	57	23	18	66	10	56	21	13	
	2011	85	32	53	13	2	69	4	65	25	6	76	16	60	20	4	
Bermuda	1990	-	-	-	-	-	NA	NA	NA	NA	NA	-	-	-	-	-	-
	2000	-	-	-	-	-	NA	NA	NA	NA	NA	-	-	-	-	-	
	2011	-	-	-	-	-	NA	NA	NA	NA	NA	-	-	-	-	-	
Bhutan	1990	99	-	-	0	1	-	-	-	-	-	-	-	-	-	-	-
	2000	99	81	18	0	1	82	45	37	4	14	86	54	32	3	11	
	2011	100	81	19	0	0	96	44	52	0	4	97	57	40	1	2	
Bolivia (Plurinational State of)	1990	91	79	12	8	1	41	12	29	19	40	69	49	20	12	19	33
	2000	93	87	6	6	1	56	33	23	12	32	79	66	13	8	13	
	2011	96	95	1	4	0	72	57	15	5	23	88	83	5	4	8	
Bosnia and Herzegovina	1990	99	96	3	1	0	96	-	-	4	0	97	-	-	3	0	12
	2000	99	96	3	1	0	96	77	19	4	0	98	85	13	2	0	
	2011	100	94	6	0	0	98	71	27	2	0	99	82	17	1	0	
Botswana	1990	100	39	61	0	0	86	10	76	6	8	92	22	70	3	5	24
	2000	99	64	35	1	0	90	24	66	4	6	95	46	49	2	3	
	2011	99	90	9	1	0	93	38	55	3	4	97	70	27	1	2	
Brazil	1990	96	92	4	4	0	68	39	29	18	14	88	78	10	8	4	22
	2000	98	94	4	2	0	76	51	25	15	9	93	86	7	5	2	
	2011	100	96	4	0	0	84	65	19	12	4	97	92	5	2	1	
British Virgin Islands	1990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2000	-	-	-	-	-	-	-	-	-	-	95	75	20	5	-	
	2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Brunei Darussalam	1990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bulgaria	1990	100	96	4	0	0	100	67	33	0	0	100	86	14	0	0	NA*
	2000	100	97	3	0	0	99	77	22	0	1	100	91	9	0	0	
	2011	100	98	2	0	0	99	92	7	0	1	99	97	2	1	0	
Burkina Faso	1990	75	11	64	24	1	39	0	39	51	10	44	2	42	48	8	48
	2000	85	18	67	15	0	55	0	55	37	8	60	3	57	34	6	
	2011	96	26	70	4	0	74	0	74	21	5	80	7	73	16	4	
Burundi	1990	97	32	65	1	2	68	1	67	23	9	69	3	66	23	8	24
	2000	90	39	51	7	3	70	1	69	18	12	72	4	68	17	11	
	2011	82	46	36	13	5	73	1	72	12	15	74	6	68	12	14	
Cambodia	1990	48	16	32	30	22	28	0	28	36	36	31	2	29	35	34	41
	2000	63	33	30	22	15	40	2	38	31	29	44	8	36	29	27	
	2011	90	65	25	7	3	61	5	56	21	18	67	17	50	18	15	
Cameroon	1990	76	23	53	11	13	31	2	29	17	52	49	10	39	14	37	36
	2000	86	25	61	8	6	42	2	40	18	40	62	12	50	13	25	
	2011	95	26	69	4	1	52	3	49	18	30	74	15	59	12	14	
Canada	1990	100	100	0	0	0	99	-	-	1	-	100	-	-	0	0	15
	2000	100	100	0	0	0	99	38	61	1	-	100	87	13	0	0	
	2011	100	100	0	0	0	99	-	-	1	-	100	-	-	0	0	
Cape Verde	1990	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	25
	2000	84	42	42	16	0	81	8	73	18	1	83	26	57	16	1	
	2011	91	59	32	9	0	86	43	43	14	0	89	53	36	11	0	
Cayman Islands	1990	-	-	-	-	-	NA	NA	NA	NA	NA	-	-	-	-	-	42
	2000	93	73	20	7	-	NA	NA	NA	NA	NA	93	73	20	7	-	
	2011	96	87	9	4	-	NA	NA	NA	NA	NA	96	87	9	4	-	
Central African Republic	1990	78	8	70	20	2	47	0	47	34	19	58	3	55	29	13	23
	2000	85	7	78	14	1	49	0	49	38	13	63	3	60	29	8	
	2011	92	6	86	7	1	51	0	51	43	6	67	3	64	29	4	
Chad	1990	49	7	42	48	3	37	0	37	47	16	40	2	38	46	14	24
	2000	60	15	45	38	2	41	0	41	49	10	45	4	41	46	9	
	2011	71	24	47	29	0	44	1	43	52	4	50	6	44	47	3	
Chile	1990	99	97	2	1	0	47	29	18	40	13	90	86	4	8	2	21
	2000	99	98	1	1	0	67	42	25	16	17	95	90	5	2	3	
	2011	100	99	1	0	0	90	56	34	10	-	98	95	3	2	-	
China	1990	97	92	5	2	1	56	12	44	34	10	67	33	34	26	7	25
	2000	98	93	5	1	1	70	28	42	24	6	80	52	28	16	4	
	2011	98	95	3	2	0	85	45	40	13	2	92	70	22	7	1	

Country, area or territory	Year	Population (x 1000)	Percentage urban population	USE OF SANITATION FACILITIES (percentage of population)												Proportion of the 2011 population that gained access since 1995 [%]
				URBAN				RURAL				NATIONAL				
				Improved	Unimproved			Improved	Unimproved			Improved	Unimproved			
					Shared	Unimproved	Open defecation		Shared	Unimproved	Open defecation		Shared	Unimproved	Open defecation	
Colombia	1990 2000 2011	33 203 39 764 46 927	68 72 75	79 81 82	14 14 15	3 2 1	4 3 2	40 52 65	4 5 6	13 12 11	43 31 18	67 73 78	11 12 13	6 5 3	16 10 6	24
Comoros	1990 2000 2011	438 562 754	28 28 28	34 42 -	2 2 -	64 56 -	0 0 -	11 23 -	1 2 -	88 74 -	0 1 -	18 28 -	1 2 -	81 69 -	0 1 -	-
Congo	1990 2000 2011	2 389 3 136 4 140	54 59 64	- 21 19	- 42 39	- 35 39	- 2 3	- 18 15	- 30 25	- 34 43	- 18 17	- 20 18	- 37 34	- 34 40	- 9 8	-
Cook Islands	1990 2000 2011	18 18 20	58 65 74	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	100 100 95	- - -	0 0 4	0 0 1	5
Costa Rica	1990 2000 2011	3 070 3 919 4 727	51 59 65	93 94 95	4 4 4	2 1 1	1 1 0	83 87 92	4 4 4	9 7 4	4 2 0	88 91 94	4 4 4	6 4 2	2 1 0	28
Côte d'Ivoire	1990 2000 2011	12 518 16 582 20 153	39 44 51	38 37 36	25 24 23	31 33 35	6 6 6	8 10 11	8 10 12	28 27 27	56 53 50	20 22 24	15 16 18	29 30 31	36 32 27	9
Croatia	1990 2000 2011	4 517 4 506 4 396	54 56 58	99 99 99	1 1 1	0 0 0	0 0 0	98 98 98	1 1 1	0 0 0	1 1 1	98 98 98	1 1 1	1 1 1	0 0 0	NA*
Cuba	1990 2000 2011	10 570 11 104 11 254	73 76 75	86 90 94	4 4 5	9 5 1	1 1 0	68 77 87	5 6 6	22 12 5	5 5 2	81 87 92	5 5 5	12 6 2	2 2 1	11
Cyprus	1990 2000 2011	767 943 1 117	67 69 70	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	23
Czech Republic	1990 2000 2011	10 303 10 243 10 534	75 74 73	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	2
Democratic People's Republic of Korea	1990 2000 2011	20 143 22 894 24 451	58 59 60	- 65 88	- 5 6	- 30 6	- - -	- 55 73	- 2 3	- 43 24	- - -	- 61 82	- 3 5	- 36 13	- - -	34
Democratic Republic of the Congo	1990 2000 2011	36 406 49 626 67 758	28 29 34	32 31 29	27 26 25	36 39 45	5 4 1	11 19 31	5 8 13	61 55 43	23 18 13	17 23 31	11 13 17	54 50 43	18 14 9	19
Denmark	1990 2000 2011	5 141 5 340 5 573	85 85 87	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	6
Djibouti	1990 2000 2011	562 732 906	76 77 77	69 71 73	5 5 6	16 17 19	10 7 2	39 33 22	5 4 3	6 12 21	50 51 54	62 62 61	5 5 5	14 16 20	19 17 14	18
Dominica	1990 2000 2011	71 70 68	68 67 67	- 80 -	- - -	- 2 -	- 18 -	- 84 -	- - -	- 2 -	- 14 -	- 81 -	- - -	- 2 -	- 17 -	-
Dominican Republic	1990 2000 2011	7 195 8 592 10 056	55 62 70	82 84 86	10 11 11	5 2 1	3 3 2	61 67 74	11 13 14	8 7 5	20 13 7	73 78 82	11 11 12	6 4 3	10 7 3	23
Ecuador	1990 2000 2011	10 261 12 345 14 666	55 60 67	86 91 96	2 3 3	5 2 0	7 4 1	49 67 86	2 3 4	11 5 0	38 25 10	69 81 93	2 3 3	8 3 0	21 13 4	34
Egypt	1990 2000 2011	56 843 67 648 82 537	43 43 43	91 95 97	3 3 3	5 1 0	1 1 0	57 79 93	4 5 7	22 9 0	17 7 0	72 86 95	4 4 5	14 6 0	10 4 0	36
El Salvador	1990 2000 2011	5 333 5 940 6 227	49 59 65	70 75 79	8 14 9	18 14 10	4 3 2	31 42 53	3 4 5	32 32 33	34 22 9	50 61 70	5 7 8	26 22 18	19 10 4	19
Equatorial Guinea	1990 2000 2011	374 520 720	35 39 39	- 92 -	- - -	- 8 -	- - -	- 87 -	- - -	- 13 -	- - -	- 89 -	- - -	- 11 -	- - -	-
Eritrea	1990 2000 2011	3 158 3 668 5 415	16 18 21	58 54 -	- - -	10 8 -	32 38 -	0 2 4	- - -	0 1 0	100 97 96	9 11 -	- - -	2 2 -	89 87 -	-
Estonia	1990 2000 2011	1 568 1 371 1 341	71 69 69	96 96 100	4 4 -	0 0 0	0 0 0	94 94 94	6 6 6	0 0 0	0 0 0	96 95 100	4 4 -	0 1 0	0 0 0	NA*

Country, area or territory	Year	USE OF DRINKING-WATER SOURCES (percentage of population)															Proportion of the 2011 population that gained access since 1995 (%)
		URBAN					RURAL					NATIONAL					
		Improved			Unimproved		Improved			Unimproved		Improved			Unimproved		
		Total improved	Piped on premises	Other improved	Unimproved	Surface water	Total improved	Piped on premises	Other improved	Unimproved	Surface water	Total improved	Piped on premises	Other improved	Unimproved	Surface water	
Colombia	1990	97	96	1	3	0	70	58	12	13	17	88	84	4	6	6	23
	2000	98	96	2	2	0	71	60	11	10	19	91	86	5	3	6	
	2011	100	97	3	0	0	72	61	11	6	22	93	88	5	2	5	
Comoros	1990	98	31	67	1	1	83	10	73	7	10	87	16	71	6	7	-
	2000	93	45	48	6	1	92	17	75	5	3	92	25	67	6	2	
	2011	-	-	-	-	-	97	-	-	3	0	-	-	-	-	-	
Congo	1990	95	-	-	4	1	-	4	-	-	-	-	-	-	-	-	-
	2000	95	46	49	4	1	36	4	32	52	12	71	28	43	23	6	
	2011	95	35	60	5	0	32	2	30	37	31	72	23	49	17	11	
Cook Islands	1990	-	-	-	-	-	-	-	-	-	-	100	-	-	0	0	10
	2000	-	-	-	-	-	-	-	-	-	-	100	72	28	0	0	
	2011	-	-	-	-	-	-	-	-	-	-	100	72	28	0	0	
Costa Rica	1990	99	93	6	1	0	87	73	14	5	8	93	83	10	3	4	27
	2000	99	97	2	1	0	89	80	9	4	7	95	90	5	2	3	
	2011	100	100	0	0	0	91	88	3	4	5	96	96	0	2	2	
Côte d'Ivoire	1990	90	50	40	10	0	67	5	62	17	16	76	23	53	14	10	24
	2000	91	57	34	9	0	67	10	57	23	10	78	31	47	16	6	
	2011	91	64	27	8	1	68	16	52	28	4	80	40	40	18	2	
Croatia	1990	100	96	4	0	0	97	-	-	2	1	98	-	-	2	0	NA*
	2000	100	96	4	0	0	97	77	20	2	1	98	87	11	2	0	
	2011	100	96	4	0	0	97	-	-	2	1	99	-	-	1	0	
Cuba	1990	94	77	17	6	0	-	-	-	-	-	-	-	-	-	-	7
	2000	95	80	15	5	0	77	45	32	21	2	91	71	20	8	1	
	2011	96	83	13	4	0	86	57	29	11	3	94	76	18	5	1	
Cyprus	1990	100	100	0	0	0	100	100	0	0	0	100	100	0	0	0	23
	2000	100	100	0	0	0	100	100	0	0	0	100	100	0	0	0	
	2011	100	100	0	0	0	100	100	0	0	0	100	100	0	0	0	
Czech Republic	1990	100	97	3	0	0	100	-	-	0	0	100	-	-	0	0	2
	2000	100	97	3	0	0	100	91	9	0	0	100	95	5	0	0	
	2011	100	97	3	0	0	100	-	-	0	0	100	-	-	0	0	
Democratic People's Republic of Korea	1990	100	-	-	0	0	100	-	-	0	0	100	-	-	0	0	9
	2000	100	81	19	0	0	99	72	27	0	1	100	77	23	0	0	
	2011	99	94	5	0	1	97	80	17	0	3	98	89	9	0	2	
Democratic Republic of the Congo	1990	88	49	39	11	1	26	1	25	41	33	43	14	29	33	24	18
	2000	85	38	47	13	2	27	1	26	43	30	44	12	32	35	21	
	2011	80	22	58	17	3	29	1	28	47	24	46	8	38	37	17	
Denmark	1990	100	100	0	0	0	100	100	0	0	0	100	100	0	0	0	6
	2000	100	100	0	0	0	100	100	0	0	0	100	100	0	0	0	
	2011	100	100	0	0	0	100	100	0	0	0	100	100	0	0	0	
Djibouti	1990	81	67	14	19	0	56	13	43	38	6	75	54	21	23	2	40
	2000	88	73	15	12	0	60	11	49	34	6	82	58	24	16	2	
	2011	100	79	21	0	0	67	9	58	32	1	92	63	29	8	0	
Dominica	1990	96	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-
	2000	96	78	18	4	-	92	49	43	8	-	94	68	26	6	-	
	2011	96	-	-	4	-	-	-	-	-	-	-	-	-	-	-	
Dominican Republic	1990	99	95	4	1	0	77	47	30	11	12	89	74	15	5	6	13
	2000	91	85	6	9	0	79	49	30	14	7	86	71	15	11	3	
	2011	82	75	7	18	0	81	50	31	16	3	82	67	15	17	1	
Ecuador	1990	83	69	14	16	1	69	34	35	13	18	76	53	23	15	9	30
	2000	89	81	8	10	1	75	50	25	9	16	84	69	15	9	7	
	2011	96	95	1	4	0	82	68	14	4	14	92	86	6	3	5	
Egypt	1990	96	90	6	4	0	90	39	51	7	3	93	61	32	5	2	28
	2000	98	95	3	2	0	95	66	29	4	1	96	78	18	3	1	
	2011	100	100	0	0	0	99	93	6	1	0	99	96	3	1	0	
El Salvador	1990	92	69	23	7	1	57	16	41	35	8	74	42	32	22	4	17
	2000	93	77	16	7	0	69	32	37	26	5	83	59	24	15	2	
	2011	94	85	9	6	0	81	48	33	18	1	90	72	18	9	1	
Equatorial Guinea	1990	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
	2000	66	10	56	26	8	42	1	41	5	53	51	4	47	13	36	
	2011	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	
Eritrea	1990	62	40	22	37	1	39	0	39	34	27	43	6	37	34	23	-
	2000	70	42	28	30	0	50	0	50	37	13	54	7	47	35	11	
	2011	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	
Estonia	1990	99	92	7	1	0	97	51	46	3	0	99	80	19	1	0	NA*
	2000	99	95	4	1	0	97	65	32	3	0	99	86	13	1	0	
	2011	99	97	2	1	0	97	-	-	3	0	99	-	-	1	0	



Country, area or territory	Year	Population [x 1000]	Percentage urban population	USE OF SANITATION FACILITIES (percentage of population)												Proportion of the 2011 population that gained access since 1995 [%]
				URBAN				RURAL				NATIONAL				
				Improved	Unimproved			Improved	Unimproved			Improved	Unimproved			
					Shared	Unimproved	Open defecation		Shared	Unimproved	Open defecation		Shared	Unimproved	Open defecation	
Ethiopia	1990 2000 2011	48 333 65 578 84 734	13 15 17	19 22 27	28 34 42	12 17 23	41 27 8	0 6 19	0 2 6	0 7 22	100 85 53	2 8 21	4 7 12	1 8 22	93 77 45	19
Fiji	1990 2000 2011	728 812 868	42 48 52	85 89 92	4 4 4	10 7 4	1 0 0	37 61 82	2 3 4	52 32 14	9 4 0	57 74 87	3 4 4	35 20 9	5 2 0	28
Finland	1990 2000 2011	4 986 5 173 5 385	79 82 84	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	5
France	1990 2000 2011	56 708 59 048 63 126	74 77 86	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	8
French Guiana	1990 2000 2011	117 165 237	75 75 76	- 87 95	- - -	- 13 5	- - -	- 60 76	- - -	- 40 24	- - -	- 80 90	- - -	- 20 10	- - -	46
French Polynesia	1990 2000 2011	195 238 274	56 52 51	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	99 98 97	- - -	0 0 1	1 2 2	19
Gabon	1990 2000 2011	929 1 235 1 534	69 80 86	- 37 33	- 40 36	- 21 30	- 2 1	- 30 30	- 24 25	- 41 43	- 5 2	- 36 33	- 37 34	- 24 32	- 3 1	7
Gambia	1990 2000 2011	966 1 297 1 776	38 49 57	- 67 70	- 24 25	- 8 5	- 1 0	- 60 65	- 14 15	- 18 15	- 8 5	- 63 68	- 19 21	- 13 9	- 5 2	29
Georgia	1990 2000 2011	5 460 4 746 4 329	55 53 53	97 96 96	3 3 3	0 1 1	0 0 0	96 94 91	1 1 1	1 3 6	2 2 2	96 95 93	2 2 2	1 2 4	1 1 1	NA*
Germany	1990 2000 2011	79 098 82 349 82 163	73 73 74	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	0
Ghana	1990 2000 2011	14 793 19 165 24 966	36 44 52	12 15 19	45 59 72	32 17 3	11 9 6	3 6 8	19 32 44	49 31 16	29 31 32	6 10 13	29 44 59	42 25 10	23 21 18	8
Greece	1990 2000 2011	10 161 10 987 11 390	59 60 61	100 99 99	0 - -	0 1 1	0 0 0	93 96 97	- - -	0 0 1	7 4 2	97 98 99	- - -	1 1 0	2 1 1	7
Greenland	1990 2000 2011	56 56 57	80 82 85	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	3
Grenada	1990 2000 2011	96 102 105	33 36 39	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- 92 -	- 8 -	- 0 -	- - -	-
Guadeloupe	1990 2000 2011	386 427 463	99 98 98	- 94 97	- - -	- 6 3	- - -	- - 90	- - -	- - 10	- - -	- - 97	- - -	- 3 -	- - -	-
Guam	1990 2000 2011	134 155 182	91 93 93	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	97 97 97	- - -	3 3 3	0 0 0	20
Guatemala	1990 2000 2011	8 923 11 237 14 757	41 45 50	81 85 88	9 9 10	5 3 0	5 3 2	49 60 72	4 5 6	13 13 12	34 22 10	62 71 80	6 7 8	10 8 6	22 14 6	35
Guinea	1990 2000 2011	5 759 8 344 10 222	28 31 35	19 26 32	23 32 40	52 39 27	6 3 1	6 9 11	4 5 6	35 44 53	55 42 30	10 14 18	9 13 18	40 43 44	41 30 20	10
Guinea-Bissau	1990 2000 2011	1 017 1 241 1 547	28 36 44	- 27 33	- 22 28	- 47 37	- 4 2	- 4 8	- 2 4	- 41 45	- 53 43	- 12 19	- 9 15	- 43 42	- 36 25	11
Guyana	1990 2000 2011	725 733 756	30 29 28	- 86 88	- 8 8	- 5 4	- 1 0	- 76 82	- 8 9	- 15 8	- 1 1	- 79 84	- 8 9	- 12 6	- 1 1	9
Haiti	1990 2000 2011	7 125 8 645 10 124	29 36 53	37 36 34	39 38 36	11 15 22	13 11 8	14 16 17	9 10 12	13 19 30	64 55 41	21 23 26	18 20 24	11 18 27	50 39 23	9
Honduras	1990 2000 2011	4 889 6 218 7 755	40 45 52	71 78 86	6 7 8	14 10 5	9 5 1	34 53 74	1 2 2	16 12 9	49 33 15	49 65 81	3 4 5	15 11 7	33 20 7	40

Country, area or territory	Year	USE OF DRINKING-WATER SOURCES (percentage of population)															Proportion of the 2011 population that gained access since 1995 (%)
		URBAN					RURAL					NATIONAL					
		Improved			Unimproved		Improved			Unimproved		Improved			Unimproved		
		Total improved	Piped on premises	Other improved	Unimproved	Surface water	Total improved	Piped on premises	Other improved	Unimproved	Surface water	Total improved	Piped on premises	Other improved	Unimproved	Surface water	
Ethiopia	1990	80	9	71	10	10	4	0	4	40	56	14	1	13	36	50	36
	2000	87	26	61	7	6	19	0	19	40	41	29	4	25	35	36	
	2011	97	49	48	3	0	39	1	38	41	20	49	9	40	34	17	
Fiji	1990	94	92	2	6	0	79	32	47	17	4	85	57	28	13	2	17
	2000	97	94	3	3	0	86	36	50	9	5	91	64	27	6	3	
	2011	100	96	4	0	0	92	40	52	2	6	96	69	27	1	3	
Finland	1990	100	96	4	0	0	100	85	15	0	0	100	94	6	0	0	5
	2000	100	99	1	0	0	100	92	8	0	0	100	98	2	0	0	
	2011	100	100	0	0	0	100	96	4	0	0	100	99	1	0	0	
France	1990	100	100	0	0	0	100	95	5	0	0	100	99	1	0	0	8
	2000	100	100	0	0	0	100	99	1	0	0	100	100	0	0	0	
	2011	100	100	0	0	0	100	100	0	0	0	100	100	0	0	0	
French Guiana	1990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41
	2000	89	-	-	11	-	72	-	-	28	-	85	-	-	15	-	
	2011	95	89	6	5	-	75	49	26	25	-	90	79	11	10	-	
French Polynesia	1990	-	-	-	-	-	-	-	-	-	-	100	98	2	0	0	21
	2000	-	-	-	-	-	-	-	-	-	-	100	98	2	0	0	
	2011	-	-	-	-	-	-	-	-	-	-	100	97	3	0	0	
Gabon	1990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29
	2000	95	52	43	3	2	47	8	39	18	35	85	43	42	6	9	
	2011	95	49	46	1	4	41	10	31	13	46	88	44	44	3	9	
Gambia	1990	86	25	61	14	0	67	0	67	33	0	74	10	64	26	0	39
	2000	90	40	50	10	0	77	3	74	23	0	83	21	62	17	0	
	2011	92	51	41	8	0	85	5	80	15	0	89	32	57	11	0	
Georgia	1990	95	80	15	5	0	72	21	51	28	0	85	53	32	15	0	NA*
	2000	97	86	11	3	0	81	34	47	19	0	89	61	28	11	0	
	2011	100	96	4	0	0	96	58	38	4	0	98	78	20	2	0	
Germany	1990	100	100	0	0	0	100	97	3	0	0	100	99	1	0	0	0
	2000	100	100	0	0	0	100	99	1	0	0	100	100	0	0	0	
	2011	100	100	0	0	0	100	100	0	0	0	100	100	0	0	0	
Ghana	1990	83	41	42	8	9	36	2	34	11	53	53	17	36	10	37	44
	2000	88	37	51	8	4	58	3	55	10	32	71	18	53	9	20	
	2011	92	32	60	8	0	80	3	77	9	11	86	18	68	9	5	
Greece	1990	99	99	0	1	0	92	82	10	8	-	96	92	4	4	-	8
	2000	100	100	0	0	0	98	95	3	2	-	99	98	1	1	-	
	2011	100	100	0	0	0	99	99	0	1	-	100	99	1	0	0	
Greenland	1990	100	100	0	0	0	100	100	0	0	0	100	100	0	0	0	3
	2000	100	100	0	0	0	100	100	0	0	0	100	100	0	0	0	
	2011	100	100	0	0	0	100	100	0	0	0	100	100	0	0	0	
Grenada	1990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2000	-	-	-	-	-	-	-	-	-	-	94	75	19	6	-	
	2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Guadeloupe	1990	98	98	0	2	-	100	100	0	0	0	98	98	0	2	-	14
	2000	98	98	0	2	-	100	100	0	0	0	98	98	0	2	-	
	2011	99	99	0	1	-	100	100	0	0	0	99	99	0	1	-	
Guam	1990	-	-	-	-	-	-	-	-	-	-	100	99	1	0	0	20
	2000	-	-	-	-	-	-	-	-	-	-	99	98	1	1	0	
	2011	-	-	-	-	-	-	-	-	-	-	99	98	1	1	0	
Guatemala	1990	91	68	23	7	2	74	35	39	8	18	81	49	32	7	12	36
	2000	95	83	12	4	1	81	53	28	7	12	87	66	21	6	7	
	2011	99	98	1	1	0	89	73	16	5	6	94	85	9	3	3	
Guinea	1990	87	21	66	5	8	37	0	37	9	54	51	6	45	8	41	31
	2000	88	25	63	9	3	52	0	52	15	33	63	8	55	13	24	
	2011	90	29	61	10	0	65	1	64	21	14	74	11	63	17	9	
Guinea-Bissau	1990	45	14	31	55	0	32	0	32	63	5	36	4	32	60	4	40
	2000	68	13	55	32	0	43	0	43	53	4	52	5	47	45	3	
	2011	94	11	83	5	1	54	0	54	43	3	72	5	67	26	2	
Guyana	1990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
	2000	94	74	20	5	1	87	56	31	7	6	89	61	28	7	4	
	2011	98	80	18	2	0	93	59	34	2	5	95	65	30	1	4	
Haiti	1990	88	26	62	7	5	51	2	49	26	23	61	9	52	21	18	16
	2000	84	22	62	12	4	50	3	47	33	17	62	10	52	26	12	
	2011	77	15	62	22	1	48	5	43	42	10	64	10	54	31	5	
Honduras	1990	92	84	8	7	1	60	43	17	4	36	73	60	13	5	22	34
	2000	94	90	4	5	1	70	60	10	8	22	81	73	8	7	12	
	2011	96	96	0	4	0	81	77	4	12	7	89	87	2	8	3	

Country, area or territory	Year	Population (x 1000)	Percentage urban population	USE OF SANITATION FACILITIES (percentage of population)												Proportion of the 2011 population that gained access since 1995 [%]
				URBAN				RURAL				NATIONAL				
				Improved	Unimproved			Improved	Unimproved			Improved	Unimproved			
					Shared	Unimproved	Open defecation		Shared	Unimproved	Open defecation		Shared	Unimproved	Open defecation	
Hungary	1990	10 376	66	100	0	0	0	100	0	0	0	100	0	0	0	NA*
	2000	10 211	65	100	0	0	0	100	0	0	0	100	0	0	0	
	2011	9 966	69	100	0	0	0	100	0	0	0	100	0	0	0	
Iceland	1990	255	91	100	0	0	0	100	0	0	0	100	0	0	0	18
	2000	281	92	100	0	0	0	100	0	0	0	100	0	0	0	
	2011	324	94	100	0	0	0	100	0	0	0	100	0	0	0	
India	1990	873 785	26	50	17	5	28	7	1	2	90	18	5	3	74	19
	2000	1 053 898	28	54	18	6	22	14	3	4	79	25	7	5	63	
	2011	1 241 492	31	60	20	7	13	24	4	6	66	35	9	6	50	
Indonesia	1990	184 346	31	61	8	12	19	24	6	22	48	35	7	19	39	25
	2000	213 395	42	67	9	8	16	33	8	17	42	47	8	14	31	
	2011	242 326	51	73	10	3	14	44	11	10	35	59	10	7	24	
Iran (Islamic Republic of)	1990	54 871	56	84	-	16	0	76	-	23	1	81	-	18	1	33
	2000	65 342	64	91	-	9	0	85	-	14	1	89	-	10	1	
	2011	74 799	69	100	-	0	0	99	-	0	1	100	-	0	0	
Iraq	1990	17 374	70	-	-	-	-	-	-	-	-	-	-	-	-	39
	2000	23 857	68	84	11	5	0	58	6	20	16	75	9	11	5	
	2011	32 665	66	86	11	3	0	80	8	10	2	84	10	5	1	
Ireland	1990	3 531	57	100	0	0	0	98	-	2	-	99	-	1	-	20
	2000	3 804	59	100	0	0	0	98	-	2	-	99	-	1	-	
	2011	4 526	62	100	0	0	0	98	-	2	-	99	-	1	-	
Israel	1990	4 500	90	100	0	0	0	100	0	0	0	100	0	0	0	29
	2000	6 015	91	100	0	0	0	100	0	0	0	100	0	0	0	
	2011	7 562	92	100	0	0	0	100	0	0	0	100	0	0	0	
Italy	1990	56 832	67	-	-	-	-	-	-	-	-	-	-	-	-	-
	2000	56 986	67	-	-	-	-	-	-	-	-	-	-	-	-	
	2011	60 789	68	-	-	-	-	-	-	-	-	-	-	-	-	
Jamaica	1990	2 365	49	78	20	1	1	81	14	4	1	79	17	3	1	9
	2000	2 582	52	78	20	1	1	82	14	3	1	80	17	2	1	
	2011	2 751	52	78	20	1	1	82	14	3	1	80	17	2	1	
Japan	1990	122 251	77	100	0	0	0	100	0	0	0	100	0	0	0	2
	2000	125 720	79	100	0	0	0	100	0	0	0	100	0	0	0	
	2011	126 497	91	100	0	0	0	100	0	0	0	100	0	0	0	
Jordan	1990	3 416	72	98	2	0	0	95	1	1	3	97	2	0	1	31
	2000	4 827	80	98	2	0	0	96	1	1	2	98	2	0	0	
	2011	6 330	83	98	2	0	0	98	1	1	0	98	2	0	0	
Kazakhstan	1990	16 530	56	96	3	1	0	97	1	0	2	96	2	1	1	2
	2000	14 957	56	97	3	0	0	97	1	1	1	97	2	1	0	
	2011	16 207	54	97	3	0	0	98	1	1	0	97	2	1	0	
Kenya	1990	23 447	17	26	40	31	3	24	16	38	22	25	20	36	19	12
	2000	31 254	20	29	44	24	3	26	17	38	19	27	22	35	16	
	2011	41 610	24	31	47	19	3	29	19	35	17	29	26	31	14	
Kiribati	1990	72	35	43	9	4	44	20	2	14	64	28	5	10	57	16
	2000	84	43	47	10	10	33	25	3	15	57	34	6	13	47	
	2011	101	44	51	11	17	21	30	3	18	49	39	6	18	37	
Kuwait	1990	2 088	98	100	-	0	0	100	-	0	0	100	-	0	0	42
	2000	1 941	98	100	-	0	0	100	-	0	0	100	-	0	0	
	2011	2 818	98	100	-	0	0	100	-	0	0	100	-	0	0	
Kyrgyzstan	1990	4 395	38	94	5	1	0	-	-	-	-	-	-	-	-	14
	2000	4 955	35	94	5	1	0	93	2	5	0	93	3	4	0	
	2011	5 393	35	94	5	1	0	93	2	5	0	93	3	4	0	
Lao People's Democratic Republic	1990	4 192	15	-	-	-	-	-	-	-	-	-	-	-	-	46
	2000	5 317	22	65	4	8	23	17	0	10	73	28	1	9	62	
	2011	6 288	34	87	5	2	6	48	1	6	45	62	2	4	32	
Latvia	1990	2 664	69	-	-	-	-	-	-	-	-	-	-	-	-	-
	2000	2 385	68	82	13	5	0	71	3	26	0	79	10	11	0	
	2011	2 243	68	-	-	-	-	-	-	-	-	-	-	-	-	
Lebanon	1990	2 948	83	100	-	0	0	-	-	-	-	-	-	-	-	-
	2000	3 742	86	100	-	0	0	87	-	13	-	98	-	2	-	
	2011	4 259	87	100	-	0	0	-	-	-	-	-	-	-	-	
Lesotho	1990	1 639	14	-	-	-	-	-	-	-	-	-	-	-	-	6
	2000	1 964	20	37	34	18	11	22	3	22	53	25	9	21	45	
	2011	2 194	28	32	29	34	5	24	4	23	49	26	11	26	37	
Liberia	1990	2 127	59	-	-	-	-	-	-	-	-	-	-	-	-	13
	2000	2 847	44	23	23	29	25	3	8	9	80	12	15	17	56	
	2011	4 129	48	30	30	15	25	7	23	8	62	18	26	12	44	

Country, area or territory	Year	USE OF DRINKING-WATER SOURCES (percentage of population)														Proportion of the 2011 population that gained access since 1995 (%)	
		URBAN					RURAL					NATIONAL					
		Improved			Unimproved		Improved			Unimproved		Improved			Unimproved		
		Total improved	Piped on premises	Other improved	Unimproved	Surface water	Total improved	Piped on premises	Other improved	Unimproved	Surface water	Total improved	Piped on premises	Other improved	Unimproved		Surface water
Hungary	1990	98	94	4	2	0	91	72	19	9	0	96	87	9	4	0	NA*
	2000	100	95	5	0	0	98	86	12	2	0	99	92	7	1	0	
	2011	100	95	5	0	0	100	-	-	0	0	100	-	-	0	0	
Iceland	1990	100	100	0	0	0	100	100	0	0	0	100	100	0	0	0	18
	2000	100	100	0	0	0	100	100	0	0	0	100	100	0	0	0	
	2011	100	100	0	0	0	100	100	0	0	0	100	100	0	0	0	
India	1990	89	48	41	10	1	64	7	57	32	4	70	17	53	27	3	33
	2000	92	49	43	8	0	76	10	66	21	3	81	21	60	17	2	
	2011	96	51	45	4	0	89	14	75	10	1	92	25	67	7	1	
Indonesia	1990	90	25	65	9	1	61	2	59	31	8	70	9	61	24	6	24
	2000	91	29	63	8	1	68	5	63	26	6	78	15	63	18	4	
	2011	93	33	61	7	0	76	8	68	20	4	84	21	64	14	2	
Iran (Islamic Republic of)	1990	98	96	2	2	0	81	67	14	15	4	91	83	8	7	2	22
	2000	98	96	2	2	0	84	74	10	14	2	93	88	5	6	1	
	2011	98	96	2	2	0	90	86	4	10	0	95	93	2	5	0	
Iraq	1990	95	95	0	3	2	39	29	10	15	46	78	75	3	7	15	36
	2000	95	93	2	3	2	49	37	12	16	35	80	75	5	8	12	
	2011	94	84	10	5	1	67	54	13	22	11	85	74	11	11	4	
Ireland	1990	100	100	0	0	0	100	99	1	0	0	100	100	0	0	0	20
	2000	100	100	0	0	0	100	99	1	0	0	100	100	0	0	0	
	2011	100	100	0	0	0	100	99	1	0	0	100	100	0	0	0	
Israel	1990	100	100	0	0	0	100	98	2	0	0	100	100	0	0	0	29
	2000	100	100	0	0	0	100	99	1	0	0	100	100	0	0	0	
	2011	100	100	0	0	0	100	100	0	0	0	100	100	0	0	0	
Italy	1990	100	100	0	0	0	100	96	4	0	0	100	99	1	0	0	6
	2000	100	100	0	0	0	100	100	0	0	0	100	100	0	0	0	
	2011	100	100	0	0	0	100	100	0	0	0	100	100	0	0	0	
Jamaica	1990	98	88	10	2	0	89	35	54	3	8	93	61	32	3	4	10
	2000	98	90	8	2	0	89	41	48	5	6	93	66	27	4	3	
	2011	97	91	6	3	0	89	47	42	6	5	93	70	23	5	2	
Japan	1990	100	97	3	0	0	100	86	14	0	0	100	94	6	0	0	2
	2000	100	98	2	0	0	100	91	9	0	0	100	97	3	0	0	
	2011	100	99	1	0	0	100	95	5	0	0	100	98	2	0	0	
Jordan	1990	99	98	1	1	0	91	86	5	8	1	97	95	2	3	0	29
	2000	98	96	2	2	0	91	83	8	8	1	97	93	4	3	0	
	2011	97	93	4	3	0	90	79	11	9	1	96	91	5	4	0	
Kazakhstan	1990	99	91	8	1	0	92	28	64	5	3	96	64	32	3	1	0
	2000	99	87	12	1	0	91	26	65	6	3	96	60	36	3	1	
	2011	99	82	17	1	0	90	24	66	7	3	95	55	40	3	2	
Kenya	1990	92	56	36	4	4	33	10	23	18	49	43	18	25	16	41	30
	2000	87	50	37	9	4	43	11	32	17	40	52	19	33	15	33	
	2011	83	45	38	12	5	54	12	42	16	30	61	20	41	15	24	
Kiribati	1990	74	43	31	26	-	36	16	20	64	-	50	26	24	50	-	25
	2000	80	54	26	20	-	43	13	30	57	-	59	31	28	41	-	
	2011	87	65	22	13	-	50	10	40	50	-	66	34	32	34	-	
Kuwait	1990	99	-	-	1	-	99	-	-	1	-	99	-	-	1	-	42
	2000	99	-	-	1	-	99	-	-	1	-	99	-	-	1	-	
	2011	99	-	-	1	-	99	-	-	1	-	99	-	-	1	-	
Kyrgyzstan	1990	97	75	22	1	2	-	25	-	-	-	-	44	-	-	-	23
	2000	97	82	15	2	1	73	31	42	4	23	81	49	32	3	16	
	2011	96	87	9	4	0	85	36	49	3	12	89	54	35	3	8	
Lao People's Democratic Republic	1990	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	39
	2000	72	37	35	23	5	38	4	34	29	33	45	11	34	28	27	
	2011	83	58	25	16	1	63	5	58	25	12	70	24	46	22	8	
Latvia	1990	100	-	-	0	0	96	-	-	4	0	98	-	-	2	0	NA*
	2000	100	93	7	0	0	96	59	37	4	0	98	82	16	2	0	
	2011	100	-	-	0	0	96	-	-	4	0	98	-	-	2	0	
Lebanon	1990	100	100	0	0	0	100	-	-	0	0	100	-	-	0	0	19
	2000	100	100	0	0	0	100	85	15	0	0	100	98	2	0	0	
	2011	100	100	0	0	0	100	-	-	0	0	100	-	-	0	0	
Lesotho	1990	95	25	70	5	0	78	2	76	20	2	80	6	74	19	1	12
	2000	94	39	55	6	0	76	3	73	23	1	79	10	69	20	1	
	2011	91	65	26	9	0	73	4	69	26	1	78	21	57	21	1	
Liberia	1990	-	3	-	-	-	-	1	-	-	-	-	2	-	-	-	45
	2000	74	4	70	25	1	50	1	49	27	23	61	2	59	25	14	
	2011	89	8	81	10	1	60	1	59	17	23	74	5	69	13	13	

Country, area or territory	Year	Population [x 1000]	Percentage urban population	USE OF SANITATION FACILITIES (percentage of population)												Proportion of the 2011 population that gained access since 1995 [%]
				URBAN				RURAL				NATIONAL				
				Improved	Unimproved			Improved	Unimproved			Improved	Unimproved			
					Shared	Unimproved	Open defecation		Shared	Unimproved	Open defecation		Shared	Unimproved	Open defecation	
Libya	1990 2000 2011	4 334 5 231 6 423	76 76 78	97 97 97	- - -	3 3 3	- - -	96 96 96	- - -	4 4 4	- - -	97 97 97	- - -	3 3 3	- - -	25
Lithuania	1990 2000 2011	3 696 3 500 3 307	68 67 67	95 95 95	- - -	5 5 5	- - -	- 69 -	- - -	- 31 -	- - -	- 87 -	- - -	- 13 -	- - -	-
Luxembourg	1990 2000 2011	381 435 516	81 84 85	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	21
Madagascar	1990 2000 2011	11 281 15 364 21 315	24 27 33	14 17 19	22 26 30	41 36 32	23 21 19	6 8 11	8 12 16	23 24 24	63 56 49	8 11 14	12 16 20	26 26 27	54 47 39	8
Malawi	1990 2000 2011	9 381 11 229 15 381	12 15 16	48 49 50	43 44 45	5 4 3	4 3 2	37 45 53	22 26 31	7 8 9	34 21 7	39 46 53	24 29 33	6 6 8	31 19 6	26
Malaysia	1990 2000 2011	18 209 23 415 28 859	50 62 73	88 94 96	4 4 4	7 1 0	1 1 0	81 90 95	3 4 4	7 2 0	9 4 1	84 92 96	4 4 4	7 2 0	5 2 0	32
Maldives	1990 2000 2011	219 273 320	26 28 41	98 98 97	2 2 2	0 0 1	0 0 0	58 72 98	1 1 2	10 8 0	31 19 0	68 79 98	1 2 2	8 5 0	23 14 0	44
Mali	1990 2000 2011	8 673 11 295 15 840	23 28 35	33 34 35	36 37 38	26 25 23	5 4 4	10 12 14	6 7 9	47 53 58	37 28 19	15 18 22	13 16 19	43 45 45	29 21 14	11
Malta	1990 2000 2011	368 397 418	90 92 95	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	7
Marshall Islands	1990 2000 2011	47 52 55	65 68 72	77 80 84	11 12 12	10 6 2	2 2 2	41 48 55	9 11 12	29 20 12	21 21 21	65 70 76	10 11 12	17 11 5	8 8 7	13
Martinique	1990 2000 2011	359 385 407	86 90 89	- 94 94	- - -	- 6 6	- - -	- - 73	- - -	- - 27	- - -	- - 92	- - -	- - 8	- - -	-
Mauritania	1990 2000 2011	1 996 2 643 3 542	40 40 41	29 38 51	10 14 18	38 28 16	23 20 15	8 9 9	3 4 4	20 15 11	69 72 76	16 21 27	6 8 10	27 20 12	51 51 51	15
Mauritius	1990 2000 2011	1 060 1 196 1 307	44 43 42	91 91 92	8 8 8	1 1 0	0 0 0	87 88 90	9 9 9	4 3 1	0 0 0	89 89 91	8 8 9	3 3 0	0 0 0	13
Mexico	1990 2000 2011	84 307 99 960 114 793	71 75 78	78 82 87	10 10 11	2 3 2	10 5 2	35 55 77	5 7 10	9 9 8	51 29 5	66 75 85	8 10 11	4 4 3	22 11 1	28
Micronesia [Federated States of]	1990 2000 2011	96 107 112	26 22 23	49 64 83	- - -	46 31 12	5 5 5	9 25 47	- - -	80 64 42	11 11 11	19 34 55	- - -	72 56 35	9 10 10	31
Monaco	1990 2000 2011	31 35 35	100 100 100	100 100 100	0 0 0	0 0 0	0 0 0	NA NA NA	NA NA NA	NA NA NA	NA NA NA	100 100 100	0 0 0	0 0 0	0 0 0	7
Mongolia	1990 2000 2011	2 193 2 411 2 800	57 57 69	66 65 64	32 32 31	2 3 2	0 0 3	- 28 29	- 21 22	- 15 23	- 36 26	- 49 53	- 27 28	- 8 9	- 16 10	12
Montenegro	1990 2000 2011	609 633 632	48 59 63	- 92 92	- 3 3	- 5 5	- 0 0	- 87 87	- 3 3	- 10 10	- 0 0	- 90 90	- 3 3	- 7 7	- 0 0	-
Montserrat	1990 2000 2011	11 5 6	13 11 14	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	70 80 -	8 9 -	10 7 -	12 4 -	-
Morocco	1990 2000 2011	24 781 28 793 32 273	48 53 57	81 82 83	14 14 14	0 2 3	5 2 0	27 43 52	3 5 6	2 2 4	68 50 38	53 64 70	8 10 11	1 2 2	38 24 17	21
Mozambique	1990 2000 2011	13 547 18 201 23 930	21 29 31	35 37 41	7 7 8	27 31 38	31 25 13	2 5 9	0 1 2	23 26 34	75 68 55	9 14 19	2 3 4	23 28 35	66 55 42	12
Myanmar	1990 2000 2011	39 268 44 958 48 337	25 27 33	- 79 84	- 12 12	- 7 3	- 2 1	- 56 74	- 10 14	- 18 4	- 16 8	- 62 77	- 11 13	- 15 4	- 12 6	30



Country, area or territory	Year	USE OF DRINKING-WATER SOURCES (percentage of population)														Proportion of the 2011 population that gained access since 1995 (%)	
		URBAN					RURAL					NATIONAL					
		Improved			Unimproved		Improved			Unimproved		Improved			Unimproved		
		Total improved	Piped on premises	Other improved	Unimproved	Surface water	Total improved	Piped on premises	Other improved	Unimproved	Surface water	Total improved	Piped on premises	Other improved	Unimproved		Surface water
Libya	1990 2000 2011	54 54 -	- - -	- - -	46 46 -	- - -	55 55 -	- - -	- - -	45 45 -	- - -	54 54 -	- - -	- - -	46 46 -	- - -	-
Lithuania	1990 2000 2011	98 98 98	89 93 98	9 5 0	2 2 2	- - -	- 81 -	46 60 73	- 21 -	- 19 -	- - -	- 92 -	75 82 90	- 10 -	- 8 -	- - -	-
Luxembourg	1990 2000 2011	100 100 100	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	98 98 98	2 2 2	0 0 0	0 0 0	100 100 100	100 100 100	0 0 0	0 0 0	0 0 0	21
Madagascar	1990 2000 2011	73 75 78	23 19 15	50 56 63	15 13 11	12 12 11	15 24 34	1 2 2	14 22 32	35 31 27	50 45 39	29 38 48	7 7 7	22 31 41	30 26 22	41 36 30	27
Malawi	1990 2000 2011	91 93 95	40 35 30	51 58 65	5 2 5	4 2 0	35 57 82	2 2 2	33 55 80	46 31 14	19 12 4	42 63 84	6 7 7	36 56 77	41 27 13	17 10 3	50
Malaysia	1990 2000 2011	94 99 100	86 95 99	8 4 1	6 1 0	0 0 0	82 93 99	59 80 -	23 13 -	16 5 0	2 2 1	88 96 100	73 89 -	15 7 -	11 3 0	1 1 0	33
Maldives	1990 2000 2011	100 100 100	50 67 99	50 33 1	0 0 0	0 0 0	91 93 98	0 0 1	91 93 97	9 7 2	- - -	93 95 99	13 19 41	80 76 58	7 5 1	- - -	26
Mali	1990 2000 2011	53 70 89	17 26 35	36 44 54	45 29 11	2 1 0	20 36 53	0 1 1	20 35 52	70 57 44	10 7 3	28 45 65	4 8 13	24 37 52	63 50 33	9 5 2	43
Malta	1990 2000 2011	100 100 100	100 100 100	0 0 0	0 0 0	0 0 0	98 100 100	98 100 100	0 0 0	2 0 0	0 0 0	100 100 100	100 100 100	0 0 0	0 0 0	0 0 0	8
Marshall Islands	1990 2000 2011	91 92 93	4 4 4	87 88 89	9 8 7	- - -	94 96 97	0 0 0	94 96 97	6 4 3	- - -	92 93 94	3 3 3	89 90 91	8 7 6	- - -	8
Martinique	1990 2000 2011	- 86 100	- 86 100	- 0 0	- 14 0	- 0 0	100 100 100	- - -	- - -	0 0 0	0 0 0	- 88 100	- - -	- - -	- 12 0	- 0 0	26
Mauritania	1990 2000 2011	36 45 52	15 26 35	21 19 17	63 54 48	1 1 0	26 37 48	0 8 14	26 29 34	65 56 46	9 7 6	30 40 50	6 15 23	24 25 27	64 55 47	6 5 3	27
Mauritius	1990 2000 2011	100 100 100	99 100 100	1 0 0	0 0 0	0 0 0	99 99 100	98 98 100	1 1 0	1 0 0	0 0 0	99 99 100	99 99 100	0 0 0	1 1 0	0 0 0	13
Mexico	1990 2000 2011	92 94 96	86 90 94	6 4 2	4 4 4	4 2 0	59 73 89	49 62 75	10 11 14	6 9 11	35 18 0	82 89 94	75 83 90	7 6 4	5 5 6	13 6 0	26
Micronesia (Federated States of)	1990 2000 2011	94 94 95	- - 42	- - 53	3 3 2	3 3 3	90 89 88	- - 36	- - 52	2 3 4	8 8 8	91 90 89	- - 37	- - 52	2 3 4	7 7 7	2
Monaco	1990 2000 2011	100 100 100	100 100 100	0 0 0	0 0 0	0 0 0	NA NA NA	NA NA NA	NA NA NA	NA NA NA	NA NA NA	100 100 100	100 100 100	0 0 0	0 0 0	0 0 0	7
Mongolia	1990 2000 2011	74 86 100	53 42 26	21 44 74	20 11 0	6 3 0	27 37 53	0 1 2	27 36 51	18 20 23	55 43 24	54 65 85	30 25 19	24 40 66	19 15 8	27 20 7	39
Montenegro	1990 2000 2011	100 100 100	98 98 98	2 2 2	0 0 0	0 0 0	95 95 95	- 77 77	- 18 18	5 5 5	0 0 0	97 98 98	- 90 91	- 8 7	3 2 2	0 0 0	NA*
Montserrat	1990 2000 2011	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	97 99 99	91 95 96	6 4 3	3 1 1	- - -	NA*
Morocco	1990 2000 2011	93 96 98	74 82 89	19 14 9	7 4 2	0 0 0	54 58 61	4 12 19	50 46 42	41 27 16	5 15 23	73 78 82	38 49 59	35 29 23	24 15 8	3 7 10	19
Mozambique	1990 2000 2011	73 75 78	22 21 19	51 54 59	24 21 18	3 4 4	24 27 33	1 1 1	23 26 32	43 47 53	33 26 14	34 41 47	5 7 6	29 34 41	39 39 42	27 20 11	22
Myanmar	1990 2000 2011	80 85 94	17 18 18	63 67 76	8 6 5	12 9 1	48 60 79	1 2 3	47 58 76	20 16 14	32 24 7	56 67 84	5 6 8	51 61 76	17 13 11	27 20 5	33

Country, area or territory	Year	Population [x 1000]	Percentage urban population	USE OF SANITATION FACILITIES (percentage of population)												Proportion of the 2011 population that gained access since 1995 [%]
				URBAN				RURAL				NATIONAL				
				Improved	Unimproved			Improved	Unimproved			Improved	Unimproved			
					Shared	Unimproved	Open defecation		Shared	Unimproved	Open defecation		Shared	Unimproved	Open defecation	
Namibia	1990 2000 2011	1 415 1 896 2 324	28 32 38	62 60 57	22 21 20	5 4 4	11 15 19	9 13 17	2 3 4	6 7 7	83 77 72	24 28 32	7 9 10	6 6 6	63 57 52	14
Nauru	1990 2000 2011	9 10 10	100 100 100	66 66 66	31 31 31	2 2 1	1 1 2	NA NA NA	NA NA NA	NA NA NA	NA NA NA	66 66 66	31 31 31	2 2 1	1 1 2	2
Nepal	1990 2000 2011	19 081 24 401 30 486	9 13 17	36 43 50	27 31 37	6 5 2	31 21 11	4 17 32	1 7 12	6 6 6	89 70 50	7 21 35	4 10 16	5 5 6	84 64 43	26
Netherlands	1990 2000 2011	14 892 15 863 16 665	69 77 83	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	7
New Caledonia	1990 2000 2011	170 212 255	60 62 62	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	100 100 100	- - -	0 0 0	0 0 0	25
New Zealand	1990 2000 2011	3 398 3 858 4 415	85 86 86	- - -	- - -	- - -	- - -	88 - -	- - -	12 - -	- - -	- - -	- - -	- - -	- - -	-
Nicaragua	1990 2000 2011	4 121 5 074 5 870	52 55 58	59 61 63	8 8 9	29 27 24	4 4 4	26 32 37	4 5 6	25 32 37	45 31 20	43 48 52	6 7 7	27 29 31	24 16 10	16
Niger	1990 2000 2011	7 788 10 922 16 069	15 16 18	19 27 34	14 20 25	41 31 21	26 22 20	2 3 4	1 1 2	2 3 3	95 93 91	4 7 10	3 4 6	9 8 6	84 81 78	6
Nigeria	1990 2000 2011	97 552 123 689 162 471	35 42 50	40 37 33	44 40 36	10 13 16	6 10 15	37 33 28	17 15 13	12 19 28	34 33 31	38 34 31	26 25 24	12 18 22	24 23 23	6
Niue	1990 2000 2011	2 2 1	31 33 38	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- 79 100	- - -	- 21 0	- - 0	NA*
Northern Mariana Islands	1990 2000 2011	44 68 61	90 90 91	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	84 92 98	- - -	16 8 2	0 0 0	15
Norway	1990 2000 2011	4 241 4 491 4 925	72 76 79	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	11
Oman	1990 2000 2011	1 868 2 264 2 846	66 72 73	95 96 97	- - -	1 1 0	4 3 3	55 71 95	- - -	8 4 0	37 25 5	82 89 97	- - -	3 2 0	15 9 3	30
Pakistan	1990 2000 2011	111 845 144 522 176 745	31 33 36	72 72 72	6 6 6	14 16 18	8 6 4	7 20 34	1 4 6	20 23 26	72 53 34	27 37 47	3 4 6	18 22 24	52 37 23	24
Palau	1990 2000 2011	15 19 21	70 70 84	63 89 100	- - -	37 11 0	0 0 0	8 63 100	- - -	92 37 0	0 0 0	46 81 100	- - -	54 19 0	0 0 0	46
Panama	1990 2000 2011	2 416 2 956 3 571	54 66 75	73 75 77	11 11 12	15 12 9	1 2 2	40 47 54	4 4 5	32 32 31	24 17 10	58 65 71	8 9 10	22 19 15	12 7 4	25
Papua New Guinea	1990 2000 2011	4 158 5 379 7 014	15 13 12	62 60 57	10 9 9	25 27 30	3 4 4	13 13 13	3 3 3	66 68 71	18 16 13	20 19 19	4 3 3	60 64 66	16 14 12	5
Paraguay	1990 2000 2011	4 244 5 344 6 568	49 55 62	61 79 -	3 4 -	35 16 -	1 1 -	15 31 -	0 0 -	81 67 -	4 2 -	38 58 -	2 2 -	58 39 -	2 1 -	-
Peru	1990 2000 2011	21 686 25 862 29 400	69 73 77	71 76 81	8 8 9	5 8 10	16 8 0	17 27 38	2 2 4	7 20 32	74 51 26	54 63 72	6 7 8	6 10 14	34 20 6	24
Philippines	1990 2000 2011	61 629 77 310 94 852	49 48 49	69 74 79	15 16 17	8 4 1	8 6 3	45 57 69	10 13 16	22 12 3	23 18 12	57 65 74	12 14 16	15 9 2	16 12 8	30
Poland	1990 2000 2011	38 056 38 302 38 299	61 62 61	96 96 96	- - -	4 4 4	- - -	- 80 -	- - -	- 20 -	- - -	- 89 -	- - -	- 11 -	- - -	-
Portugal	1990 2000 2011	9 925 10 336 10 690	48 54 61	98 99 100	- - 0	2 1 0	0 0 0	90 96 100	- - 0	10 4 0	0 0 0	94 98 100	- - 0	6 2 0	0 0 0	9

Country, area or territory	Year	USE OF DRINKING-WATER SOURCES (percentage of population)															Proportion of the 2011 population that gained access since 1995 (%)	
		URBAN					RURAL					NATIONAL						
		Improved			Unimproved		Improved			Unimproved		Improved			Unimproved			
		Total improved	Piped on premises	Other improved	Unimproved	Surface water	Total improved	Piped on premises	Other improved	Unimproved	Surface water	Total improved	Piped on premises	Other improved	Unimproved	Surface water		
Namibia	1990 2000 2011	99 99 99	82 77 72	17 22 27	1 1 1	0 0 0	51 72 90	14 21 28	37 51 62	35 15 0	14 13 10	64 80 93	33 39 45	31 41 48	26 11 1	10 9 6	42	
Nauru	1990 2000 2011	- 93 96	- - 68	- - 28	- 7 4	- - -	NA NA NA	NA NA NA	NA NA NA	NA NA NA	NA NA NA	93 96	- 68	- 28	- 4	- 7 -	- - -	-
Nepal	1990 2000 2011	96 94 91	44 46 49	52 48 42	3 4 6	1 2 3	64 75 87	2 8 14	62 67 73	29 19 9	7 6 4	67 77 88	6 13 19	61 64 69	26 18 8	7 5 4	36	
Netherlands	1990 2000 2011	100 100 100	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	100 100 100	0 0 0	0 0 0	0 0 0	7	
New Caledonia	1990 2000 2011	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	94 98	85 94	9 4	6 2	- -	-	
New Zealand	1990 2000 2011	100 100 100	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	100 100 100	0 0 0	0 0 0	0 0 0	17	
Nicaragua	1990 2000 2011	92 95 98	82 86 89	10 9 9	7 4 2	1 1 0	54 62 68	17 24 29	37 38 39	30 27 25	16 11 7	74 80 85	51 58 63	23 22 22	18 15 12	8 5 3	24	
Niger	1990 2000 2011	57 78 100	21 30 39	36 48 61	42 22 0	1 0 0	31 35 39	0 1 2	31 34 37	66 62 58	3 3 3	35 42 50	3 6 8	32 36 42	62 55 48	3 3 2	28	
Nigeria	1990 2000 2011	81 78 75	33 20 7	48 58 68	16 18 19	3 4 6	29 38 47	4 2 1	25 36 46	31 31 31	40 31 22	47 55 61	14 10 4	33 45 57	26 25 25	27 20 14	26	
Niue	1990 2000 2011	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	99 99 99	98 98 98	1 1 1	1 1 1	- - -	NA*	
Northern Mariana Islands	1990 2000 2011	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	94 95 97	70 78 87	24 17 10	6 5 3	- - -	7	
Norway	1990 2000 2011	100 100 100	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	100 100 100	0 0 0	0 0 0	0 0 0	11	
Oman	1990 2000 2011	83 87 95	30 48 81	53 39 14	13 9 1	4 4 4	70 75 85	3 15 37	67 60 48	20 15 15	10 10 -	79 84 92	21 39 70	58 45 22	15 10 8	6 6 -	29	
Pakistan	1990 2000 2011	95 96 96	56 57 58	39 39 38	4 4 4	1 0 0	81 85 89	8 15 23	73 70 66	8 7 7	11 8 4	85 88 91	23 29 36	62 59 55	7 7 6	8 5 3	29	
Palau	1990 2000 2011	98 97 97	98 97 97	0 0 0	2 3 3	- - -	72 80 86	72 80 86	0 0 0	28 20 14	- - -	90 92 95	90 92 95	0 0 0	10 8 5	- - -	19	
Panama	1990 2000 2011	98 98 97	96 96 95	2 2 2	2 2 3	0 0 0	67 76 86	60 72 83	7 4 3	21 13 4	12 11 10	84 90 94	80 88 92	4 2 2	11 6 4	5 4 2	29	
Papua New Guinea	1990 2000 2011	87 88 89	61 59 55	26 29 34	7 7 8	6 5 3	24 27 33	4 3 3	20 24 30	27 24 19	49 49 48	33 35 40	12 11 9	21 24 31	24 22 17	43 43 43	18	
Paraguay	1990 2000 2011	81 92 99	59 75 -	22 17 -	18 8 1	1 0 0	25 51 -	0 21 -	25 30 -	63 42 -	12 7 -	52 74 -	29 51 -	23 23 -	41 23 -	7 3 -	-	
Peru	1990 2000 2011	88 90 91	74 78 84	14 12 7	11 9 8	1 1 1	45 55 66	13 29 47	32 26 19	28 23 18	27 22 16	75 80 85	55 65 75	20 15 10	16 14 11	9 6 4	22	
Philippines	1990 2000 2011	93 93 93	40 50 61	53 43 32	6 7 7	1 0 0	77 85 92	9 17 25	68 68 67	21 14 7	2 1 1	85 89 92	24 33 43	61 56 49	14 10 7	1 1 1	29	
Poland	1990 2000 2011	100 100 100	97 99 99	3 1 1	0 0 0	0 0 0	- - -	73 89 96	- - -	- - -	- - -	- - -	88 95 98	- - -	- - -	- - -	-	
Portugal	1990 2000 2011	98 99 100	96 98 100	2 1 0	2 1 0	0 0 0	95 97 100	83 92 100	12 5 0	5 3 0	0 0 0	96 98 100	89 95 100	7 3 0	4 2 0	0 0 0	8	

Country, area or territory	Year	Population (x 1000)	Percentage urban population	USE OF SANITATION FACILITIES (percentage of population)												Proportion of the 2011 population that gained access since 1995 (%)
				URBAN				RURAL				NATIONAL				
				Improved	Unimproved			Improved	Unimproved			Improved	Unimproved			
					Shared	Unimproved	Open defecation		Shared	Unimproved	Open defecation		Shared	Unimproved	Open defecation	
Puerto Rico	1990 2000 2011	3 529 3 814 3 746	72 95 99	- - -	- - -	- - -	- - -	- - -	- - -	- - -	99 99 99	- - -	0 0 1	1 1 -	1	
Qatar	1990 2000 2011	474 591 1 870	93 96 99	100 100 100	- - -	0 0 0	0 0 0	100 100 100	- - -	0 0 0	0 0 0	100 100 100	- - -	0 0 0	0 0 0	73
Republic of Korea	1990 2000 2011	42 980 45 988 48 391	74 80 83	100 100 100	- - -	0 0 0	0 0 0	100 100 100	- - -	0 0 0	0 0 0	100 100 100	- - -	0 0 0	0 0 0	8
Republic of Moldova	1990 2000 2011	4 364 4 107 3 545	47 45 48	- 87 89	- 7 7	- 6 4	- 0 0	- 72 83	- 4 5	- 24 12	- 0 0	- 79 86	- 6 6	- 15 8	- 0 0	NA*
Réunion	1990 2000 2011	612 739 856	81 90 94	98 98 98	- - -	2 2 2	- - -	95 95 95	- - -	5 5 5	- - -	98 98 98	- - -	2 2 2	- - -	21
Romania	1990 2000 2011	23 207 22 192 21 436	53 53 53	88 88 -	3 3 -	9 9 -	- - -	52 54 -	1 1 -	47 45 -	- - -	71 72 -	2 2 -	27 26 -	- - -	-
Russian Federation	1990 2000 2011	148 244 146 758 142 836	73 73 74	80 77 74	16 15 15	3 7 10	1 1 1	58 59 59	11 11 11	30 29 29	1 1 1	74 72 70	15 14 14	10 13 15	1 1 1	NA*
Rwanda	1990 2000 2011	7 110 8 098 10 943	5 14 19	64 63 61	23 22 22	10 13 16	3 2 1	30 45 61	3 5 7	59 45 30	8 5 2	32 47 61	4 7 10	56 41 27	8 5 2	41
Saint Kitts and Nevis	1990 2000 2011	41 46 53	35 33 32	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- 87 -	- - -	- 10 -	- 3 -	-
Saint Lucia	1990 2000 2011	138 157 176	29 28 18	67 69 70	3 3 3	24 20 18	6 8 9	54 60 64	4 4 4	31 26 24	11 10 8	58 62 65	3 4 4	29 25 23	10 9 8	15
Saint Vincent and the Grenadines	1990 2000 2011	107 108 109	41 45 49	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	63 73 -	- - -	33 23 -	4 4 4	-
Samoa	1990 2000 2011	161 177 184	21 22 20	94 94 93	5 5 5	1 1 2	0 0 0	92 92 91	6 6 6	2 2 3	0 0 0	93 92 92	6 6 6	1 2 2	0 0 0	7
San Marino	1990 2000 2011	24 27 32	90 93 94	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	-
Sao Tome and Principe	1990 2000 2011	116 141 169	44 53 63	- 27 41	- 4 6	- 4 5	- 65 48	- 14 23	- 4 7	- 4 4	- 78 66	- 21 34	- 4 6	- 4 5	- 71 55	20
Saudi Arabia	1990 2000 2011	16 139 20 045 28 083	77 80 82	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - 100	92 97 -	- - -	3 0 0	5 3 0	38
Senegal	1990 2000 2011	7 242 9 506 12 768	39 40 43	59 63 68	20 21 22	12 11 9	5 29 1	21 29 39	6 8 11	17 20 22	56 43 28	36 43 51	11 13 16	15 16 16	38 28 17	25
Serbia	1990 2000 2011	9 569 10 134 9 854	50 53 56	97 97 98	2 2 2	1 1 0	0 0 0	95 95 96	2 2 2	3 3 2	0 0 0	96 96 97	2 2 2	2 2 1	0 0 0	NA*
Seychelles	1990 2000 2011	71 79 87	49 50 54	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	97 97 97	- - -	2 2 2	1 1 1	14
Sierra Leone	1990 2000 2011	3 982 4 143 5 997	33 36 39	23 23 22	43 42 42	34 31 27	0 4 9	5 6 7	14 16 18	55 46 36	26 32 39	11 12 13	24 26 28	47 40 32	18 22 27	5
Singapore	1990 2000 2011	3 017 3 919 5 188	100 100 100	99 100 100	- - -	1 0 0	0 0 0	NA NA NA	NA NA NA	NA NA NA	NA NA NA	99 100 100	- - -	1 0 0	0 0 0	33
Slovakia	1990 2000 2011	5 270 5 405 5 472	56 56 55	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	2
Slovenia	1990 2000 2011	1 927 1 985 2 035	50 51 50	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	3

Country, area or territory	Year	USE OF DRINKING-WATER SOURCES (percentage of population)														Proportion of the 2011 population that gained access since 1995 (%)	
		URBAN					RURAL					NATIONAL					
		Improved			Unimproved		Improved			Unimproved		Improved			Unimproved		
		Total improved	Piped on premises	Other improved	Unimproved	Surface water	Total improved	Piped on premises	Other improved	Unimproved	Surface water	Total improved	Piped on premises	Other improved	Unimproved		Surface water
Puerto Rico	1990 2000 2011	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	94 94 -	87 87 -	7 7 -	6 6 -	- - -	-
Qatar	1990 2000 2011	100 100 100	- - -	- - -	0 0 0	0 0 0	100 100 100	- - -	- - -	0 0 0	0 0 0	100 100 100	- - -	- - -	0 0 0	0 0 0	73
Republic of Korea	1990 2000 2011	97 98 100	96 97 99	1 1 1	3 2 0	0 0 0	- 75 88	- 46 64	- 29 24	- 25 12	- - -	- 93 98	- 87 93	- 6 5	- 7 2	- - -	14
Republic of Moldova	1990 2000 2011	98 99 99	- 77 86	- 22 13	2 1 1	0 0 0	- 89 93	0 1 23	- 88 70	- 11 7	- 0 0	- 93 96	- 35 53	- 58 43	- 7 4	- 0 0	NA*
Réunion	1990 2000 2011	99 99 99	99 99 99	0 0 0	1 1 1	- - -	98 98 98	98 98 98	0 0 0	2 2 2	- - -	99 99 99	99 99 99	0 0 0	1 1 1	- - -	21
Romania	1990 2000 2011	93 97 99	88 90 92	5 7 7	7 3 1	- - -	55 70 -	13 21 28	42 49 -	45 30 -	- - -	75 84 -	53 57 62	22 27 -	25 16 -	- - -	-
Russian Federation	1990 2000 2011	98 98 99	88 90 91	10 8 8	2 2 1	0 0 0	80 86 92	37 46 55	43 40 37	19 12 5	1 2 3	93 95 97	74 78 82	19 17 15	7 5 3	0 0 0	NA*
Rwanda	1990 2000 2011	91 86 80	30 23 15	61 63 65	3 7 13	6 7 7	60 63 66	0 0 1	60 63 65	14 17 20	26 20 14	62 66 69	2 3 4	60 63 65	13 16 19	25 18 12	37
Saint Kitts and Nevis	1990 2000 2011	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- 98 98	- 92 -	- 6 -	- 2 2	- - -	18
Saint Lucia	1990 2000 2011	96 97 98	81 85 89	15 12 9	4 3 2	- - -	92 93 93	65 72 80	27 21 13	8 7 7	- - -	93 94 94	70 76 82	23 18 12	7 6 6	- - -	16
Saint Vincent and the Grenadines	1990 2000 2011	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	88 93 95	52 74 -	36 19 -	12 7 5	- - -	5
Samoa	1990 2000 2011	97 97 97	82 87 91	15 10 6	3 3 2	0 0 1	87 92 98	72 78 84	15 14 14	13 8 1	0 0 1	89 93 98	74 80 85	15 13 13	11 7 1	0 0 1	15
San Marino	1990 2000 2011	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	-
Sao Tome and Principe	1990 2000 2011	- 86 99	- 30 39	- 56 60	- 4 1	- 10 0	- 70 94	- 14 22	- 56 72	- 7 2	- 23 4	- 78 97	- 23 33	- 55 64	- 6 1	- 16 2	41
Saudi Arabia	1990 2000 2011	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	92 95 97	58 63 67	34 32 30	8 5 3	- - -	36
Senegal	1990 2000 2011	88 90 93	46 60 77	42 30 16	12 10 6	0 0 1	42 50 59	1 9 18	41 41 41	56 48 39	2 2 2	60 66 73	18 30 43	42 36 30	39 33 26	1 1 1	32
Serbia	1990 2000 2011	100 100 99	97 97 97	3 3 2	0 0 1	0 0 0	99 99 99	- 72 72	- 27 27	1 1 1	0 0 0	99 100 99	- 85 86	- 15 13	1 0 1	0 0 0	NA*
Seychelles	1990 2000 2011	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	96 96 96	- - 92	- - 4	0 0 4	4 4 4	13
Sierra Leone	1990 2000 2011	66 75 84	17 14 11	49 61 73	29 18 7	5 7 9	23 31 40	2 1 1	21 30 39	28 23 16	49 46 44	37 47 57	7 6 5	30 41 52	29 21 13	34 32 30	30
Singapore	1990 2000 2011	100 100 100	100 100 100	0 0 0	0 0 0	0 0 0	NA NA NA	NA NA NA	NA NA NA	NA NA NA	NA NA NA	100 100 100	100 100 100	0 0 0	0 0 0	0 0 0	33
Slovakia	1990 2000 2011	100 100 100	100 96 -	0 4 -	0 0 0	0 0 0	100 100 100	89 92 -	11 8 -	0 0 0	0 0 0	100 100 100	95 94 -	5 6 -	0 0 0	0 0 0	2
Slovenia	1990 2000 2011	100 100 100	100 100 100	0 0 0	0 0 0	0 0 0	99 99 99	99 99 99	0 0 0	1 1 1	- - -	100 100 100	100 100 100	0 0 0	0 0 0	0 0 0	3

Country, area or territory	Year	Population (x 1000)	Percentage urban population	USE OF SANITATION FACILITIES (percentage of population)												Proportion of the 2011 population that gained access since 1995 [%]
				URBAN				RURAL				NATIONAL				
				Improved	Unimproved			Improved	Unimproved			Improved	Unimproved			
					Shared	Unimproved	Open defecation		Shared	Unimproved	Open defecation		Shared	Unimproved	Open defecation	
Solomon Islands	1990 2000 2011	310 409 552	14 16 20	- 81 81	- - -	- 15 15	- 4 4	- 15 15	- - -	- 63 63	- 22 22	- 25 29	- - -	- 56 53	- 19 18	-
Somalia	1990 2000 2011	6 599 7 399 9 557	30 33 38	- 45 52	- 26 30	- 16 15	- 13 3	- 10 6	- 9 6	- 9 5	- 72 83	- 22 24	- 15 15	- 10 9	- 53 52	9
South Africa	1990 2000 2011	36 794 44 760 50 460	52 57 62	80 82 84	8 8 9	10 8 5	2 2 2	46 51 57	5 6 6	23 22 22	26 21 15	64 69 74	7 7 8	16 14 11	13 10 7	20
South Sudan	1990 2000 2011	- - 10 314	- - 18	- - 16	- - 6	- - 20	- - 58	- - 7	- - 2	- - 10	- - 81	- - 9	- - 3	- - 11	- - 77	-
Spain	1990 2000 2011	38 889 40 288 46 455	75 76 77	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	15
Sri Lanka	1990 2000 2011	17 337 18 745 21 045	17 16 15	78 80 83	13 14 14	5 3 2	4 3 1	65 78 93	4 5 6	16 9 0	15 8 1	68 79 91	6 6 7	12 8 1	14 7 1	28
Sudan	1990 2000 2011	26 494 34 188 34 318	25 29 33	52 48 44	12 11 10	28 17 26	8 14 20	18 16 13	5 5 4	29 26 24	48 53 59	27 25 24	7 7 6	28 26 24	38 42 46	0
Suriname	1990 2000 2011	407 467 529	60 65 70	90 90 90	9 9 9	1 1 1	0 0 0	- 65 66	- 11 11	- 2 3	- 22 20	- 81 83	- 10 10	- 1 1	- 8 6	17
Swaziland	1990 2000 2011	863 1 064 1 203	23 23 21	63 63 63	29 29 29	6 6 7	2 2 1	44 49 55	15 16 18	10 6 9	31 29 18	49 52 57	18 19 21	8 6 7	25 23 15	17
Sweden	1990 2000 2011	8 559 8 860 9 441	83 84 85	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	7
Switzerland	1990 2000 2011	6 674 7 168 7 702	73 73 74	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	9
Syrian Arab Republic	1990 2000 2011	12 324 15 989 20 766	49 52 56	95 95 96	4 4 4	1 1 0	0 0 0	75 81 94	4 5 5	4 4 1	17 10 0	85 89 95	4 4 4	2 2 1	9 5 0	37
Tajikistan	1990 2000 2011	5 303 6 173 6 977	32 26 27	93 93 95	4 4 4	2 2 1	1 1 0	- 89 94	- 3 3	- 6 3	- 2 0	- 90 95	- 3 3	- 6 2	- 1 0	21
Thailand	1990 2000 2011	57 072 63 155 69 519	29 31 34	87 88 89	11 11 11	1 1 0	1 0 0	79 93 96	3 4 4	1 0 0	17 3 0	82 91 93	6 6 7	0 1 0	12 2 0	19
The former Yugoslav Republic of Macedonia	1990 2000 2011	1 909 2 009 2 064	58 59 59	96 93 97	- 3 3	4 4 0	0 0 0	- 85 83	- 5 4	- 10 12	- 0 1	- 90 91	- 3 4	- 7 4	- 0 1	-
Timor-Leste	1990 2000 2011	743 830 1 154	21 24 28	- 53 68	- 13 16	- 10 8	- 24 8	- 32 27	- 7 6	- 6 30	- 55 37	- 37 39	- 8 9	- 7 23	- 48 29	11
Togo	1990 2000 2011	3 666 4 794 6 155	29 33 38	26 26 26	44 44 43	5 8 11	25 22 20	8 5 3	15 11 5	3 10 18	74 74 74	13 12 11	24 22 20	3 9 15	60 57 54	3
Tokelau	1990 2000 2011	2 2 1	0 0 0	NA NA NA	NA NA NA	NA NA NA	NA NA NA	41 63 93	- - -	59 37 7	- - -	41 63 93	- - -	59 37 7	- - -	33
Tonga	1990 2000 2011	95 98 105	23 23 23	98 99 99	- - -	2 1 1	- - -	95 92 89	- - -	5 8 11	- - -	95 94 92	- - -	5 6 8	- - -	5
Trinidad and Tobago	1990 2000 2011	1 215 1 292 1 346	9 11 14	93 92 92	7 7 7	0 1 1	0 0 0	93 92 92	7 7 7	0 1 1	0 0 0	93 92 92	7 7 7	0 1 1	0 0 0	5
Tunisia	1990 2000 2011	8 215 9 456 10 594	58 63 66	94 96 97	2 2 2	1 1 1	3 1 0	43 58 75	5 7 9	3 6 0	49 29 16	73 82 90	3 4 4	2 3 1	22 11 5	24
Turkey	1990 2000 2011	54 130 63 628 73 640	59 65 72	96 96 97	1 2 2	3 2 1	0 0 0	66 71 75	2 3 3	27 23 21	5 3 1	84 87 91	2 2 2	12 10 7	2 1 0	23



Country, area or territory	Year	USE OF DRINKING-WATER SOURCES (percentage of population)														Proportion of the 2011 population that gained access since 1995 (%)	
		URBAN					RURAL					NATIONAL					
		Improved			Unimproved		Improved			Unimproved		Improved			Unimproved		
		Total improved	Piped on premises	Other improved	Unimproved	Surface water	Total improved	Piped on premises	Other improved	Unimproved	Surface water	Total improved	Piped on premises	Other improved	Unimproved		Surface water
Solomon Islands	1990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2000	93	61	32	7	0	76	16	60	21	3	78	23	55	19	3	
	2011	93	61	32	0	7	76	16	60	0	24	79	25	54	0	21	
Somalia	1990	-	0	-	-	-	-	0	-	-	-	-	0	-	-	-	17
	2000	35	12	23	59	6	15	0	15	56	29	21	4	17	58	21	
	2011	66	53	13	30	4	7	0	7	52	41	30	20	10	43	27	
South Africa	1990	98	86	12	2	0	66	23	43	7	27	83	56	27	4	13	23
	2000	98	87	11	2	0	71	28	43	8	21	87	62	25	4	9	
	2011	99	89	10	1	0	79	36	43	11	10	91	69	22	5	4	
South Sudan	1990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	2011	63	-	-	16	21	55	-	-	14	31	57	-	-	14	29	
Spain	1990	100	99	1	0	0	100	100	0	0	0	100	99	1	0	0	15
	2000	100	99	1	0	0	100	100	0	0	0	100	99	1	0	0	
	2011	100	99	1	0	0	100	100	0	0	0	100	99	1	0	0	
Sri Lanka	1990	92	37	55	8	0	63	6	57	28	9	68	11	57	25	7	29
	2000	95	53	42	5	0	76	15	61	19	5	79	21	58	17	4	
	2011	99	67	32	1	0	92	23	69	6	2	93	29	64	5	2	
Sudan	1990	86	78	8	12	2	61	16	45	29	10	67	32	35	25	8	NA*
	2000	76	63	13	22	2	56	15	41	33	11	62	29	33	29	9	
	2011	66	46	20	31	3	50	13	37	36	14	55	24	31	35	10	
Suriname	1990	99	-	-	1	0	-	-	-	-	-	-	-	-	-	-	19
	2000	98	91	7	2	0	73	49	24	6	21	89	76	13	4	7	
	2011	97	78	19	3	0	81	45	36	0	19	92	68	24	2	6	
Swaziland	1990	86	67	19	6	8	25	4	21	18	57	39	18	21	16	45	38
	2000	89	70	19	5	6	41	13	28	18	41	52	25	27	15	33	
	2011	93	74	19	4	3	67	26	41	17	16	72	36	36	15	13	
Sweden	1990	100	100	0	0	0	100	100	0	0	0	100	100	0	0	0	7
	2000	100	100	0	0	0	100	100	0	0	0	100	100	0	0	0	
	2011	100	100	0	0	0	100	100	0	0	0	100	100	0	0	0	
Switzerland	1990	100	100	0	0	0	100	99	1	0	0	100	100	0	0	0	9
	2000	100	100	0	0	0	100	99	1	0	0	100	100	0	0	0	
	2011	100	100	0	0	0	100	99	1	0	0	100	100	0	0	0	
Syrian Arab Republic	1990	97	94	3	3	0	75	49	26	24	1	86	71	15	14	0	31
	2000	95	93	2	5	0	79	60	19	20	1	88	77	11	12	0	
	2011	93	91	2	7	0	87	79	8	12	1	90	86	4	10	0	
Tajikistan	1990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
	2000	93	77	16	3	4	49	17	32	14	37	61	33	28	11	28	
	2011	92	87	5	1	7	57	34	23	5	38	66	48	18	4	30	
Thailand	1990	96	74	22	4	0	82	10	72	16	2	86	29	57	12	2	19
	2000	97	77	20	3	0	90	22	68	9	1	92	39	53	7	1	
	2011	97	80	17	3	0	95	31	64	5	0	96	48	48	4	0	
The former Yugoslav Republic of Macedonia	1990	100	97	3	0	0	98	-	-	2	-	99	-	-	1	-	5
	2000	100	97	3	0	0	98	85	13	2	-	99	92	7	1	-	
	2011	100	95	5	0	0	99	83	16	1	-	100	90	10	0	0	
Timor-Leste	1990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30
	2000	69	24	45	28	3	50	11	39	43	7	54	14	40	40	6	
	2011	93	45	48	6	1	60	14	46	29	11	69	23	46	23	8	
Togo	1990	79	14	65	20	1	36	0	36	37	27	48	4	44	32	20	25
	2000	84	13	71	15	1	38	0	38	33	29	53	5	48	27	20	
	2011	90	12	78	9	1	40	1	39	30	30	59	5	54	22	19	
Tokelau	1990	NA	NA	NA	NA	NA	90	-	-	10	-	90	-	-	10	-	NA*
	2000	NA	NA	NA	NA	NA	93	-	-	7	-	93	-	-	7	-	
	2011	NA	NA	NA	NA	NA	97	-	-	3	-	97	-	-	3	-	
Tonga	1990	98	-	-	2	-	99	-	-	1	-	99	-	-	1	-	9
	2000	98	-	-	2	-	99	-	-	1	-	99	-	-	1	-	
	2011	99	-	-	1	-	99	-	-	1	-	99	-	-	1	-	
Trinidad and Tobago	1990	92	81	11	5	3	88	68	20	10	2	89	69	20	9	2	9
	2000	95	85	10	2	3	91	71	20	7	2	92	73	19	6	2	
	2011	98	88	10	0	2	93	74	19	5	2	94	76	18	4	2	
Tunisia	1990	95	89	6	5	0	63	22	41	35	2	82	61	21	17	1	24
	2000	97	92	5	3	0	76	33	43	22	2	89	71	18	10	1	
	2011	100	94	6	0	0	89	-	-	9	2	96	-	-	3	1	
Turkey	1990	94	91	3	6	0	73	51	22	26	1	85	75	10	15	0	29
	2000	97	95	2	3	0	85	73	12	14	1	93	87	6	7	0	
	2011	100	99	1	0	0	99	97	2	1	0	100	99	1	0	0	

Country, area or territory	Year	Population (x 1000)	Percentage urban population	USE OF SANITATION FACILITIES (percentage of population)												Proportion of the 2011 population that gained access since 1995 [%]
				URBAN				RURAL				NATIONAL				
				Improved	Unimproved			Improved	Unimproved			Improved	Unimproved			
					Shared	Unimproved	Open defecation		Shared	Unimproved	Open defecation		Shared	Unimproved	Open defecation	
Turkmenistan	1990 2000 2011	3 668 4 501 5 105	45 46 49	99 99 100	- - -	1 1 0	0 0 0	97 97 98	- - -	2 2 1	1 1 1	98 98 99	- - -	1 1 1	1 1 0	19
Turks and Caicos Islands	1990 2000 2011	12 19 39	74 85 94	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	81 81 -	- - -	- 16 -	- 3 -	-
Tuvalu	1990 2000 2011	9 9 10	41 46 51	75 81 86	8 9 9	15 8 3	2 2 2	71 76 80	4 4 5	18 13 8	7 7 7	73 78 83	6 6 7	16 11 6	5 5 4	12
Uganda	1990 2000 2011	17 700 24 213 34 509	11 12 16	33 33 34	48 49 50	17 16 15	2 2 1	26 31 35	12 14 16	40 39 39	22 16 10	27 31 35	16 18 21	37 37 35	20 14 9	17
Ukraine	1990 2000 2011	51 645 48 892 45 190	67 67 69	100 97 96	0 2 2	0 1 2	0 0 0	- 91 89	- 4 4	- 5 7	- 0 0	- 95 94	- 3 3	- 2 3	0 0 0	NA*
United Arab Emirates	1990 2000 2011	1 809 3 033 7 891	79 81 84	98 98 98	2 2 2	0 0 0	0 0 0	95 95 95	5 5 5	0 0 0	0 0 0	97 97 98	2 2 2	1 1 0	0 0 0	69
United Kingdom of Great Britain and Northern Ireland	1990 2000 2011	57 214 58 874 62 417	78 79 80	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	0 0 0	0 0 0	0 0 0	7
United Republic of Tanzania	1990 2000 2011	25 479 34 038 46 218	19 22 27	9 16 24	8 15 23	81 67 51	2 2 2	6 7 7	3 4 4	81 76 73	10 13 16	7 9 12	4 6 9	80 74 67	9 11 12	7
United States of America	1990 2000 2011	253 339 282 496 313 085	75 79 82	100 100 100	0 0 0	0 0 0	0 0 0	99 99 99	- - -	1 1 1	- - -	100 100 100	- - -	0 0 0	0 0 0	15
United States Virgin Islands	1990 2000 2011	103 109 109	88 93 95	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	96 96 96	- - -	4 4 4	- - -	2
Uruguay	1990 2000 2011	3 109 3 319 3 380	89 91 93	96 97 99	0 0 0	1 1 1	3 2 0	85 90 98	1 1 1	1 0 1	13 9 0	95 97 99	0 0 0	1 0 1	4 3 0	8
Uzbekistan	1990 2000 2011	20 515 24 776 27 760	40 37 36	95 97 100	- - -	5 3 0	0 0 0	76 87 100	- - -	24 13 0	0 0 0	84 91 100	- - -	16 9 0	0 0 0	30
Vanuatu	1990 2000 2011	147 185 246	19 22 25	- 54 65	- 28 33	- 18 2	- 0 0	- 38 55	- 10 15	- 50 28	- 2 2	- 42 58	- 14 20	- 42 20	- 2 2	33
Venezuela (Bolivarian Republic of)	1990 2000 2011	19 685 24 348 29 437	84 90 94	89 93 -	- 2 -	7 5 -	4 5 -	45 54 -	- 6 -	14 40 -	41 40 -	82 89 -	- - -	8 3 -	10 8 -	-
Viet Nam	1990 2000 2011	67 102 78 758 88 792	20 24 31	64 78 93	4 4 5	8 7 2	24 11 0	30 48 67	2 3 4	24 23 24	44 26 5	37 55 75	2 3 4	21 20 18	40 22 3	36
West Bank and Gaza Strip	1990 2000 2011	2 081 3 199 4 152	68 72 74	90 92 95	5 5 5	3 2 0	2 1 0	- 85 93	- 7 7	- 6 0	- 2 0	- 90 94	- 5 6	- 4 0	- 1 0	40
Yemen	1990 2000 2011	11 948 17 723 24 800	21 26 32	70 82 93	1 2 2	23 12 3	6 4 2	12 24 34	1 2 3	33 32 32	54 42 31	24 39 53	1 2 3	31 27 22	44 32 22	34
Zambia	1990 2000 2011	7 860 10 202 13 475	39 35 39	61 59 56	26 25 23	11 14 19	2 2 2	29 31 33	7 7 8	24 29 32	40 33 27	42 41 42	14 13 14	19 24 27	25 22 17	15
Zimbabwe	1990 2000 2011	10 469 12 509 12 754	29 34 39	54 53 52	46 45 44	0 1 2	0 1 2	35 34 33	18 17 17	0 5 10	47 44 40	40 40 40	26 27 27	0 3 7	34 30 26	3

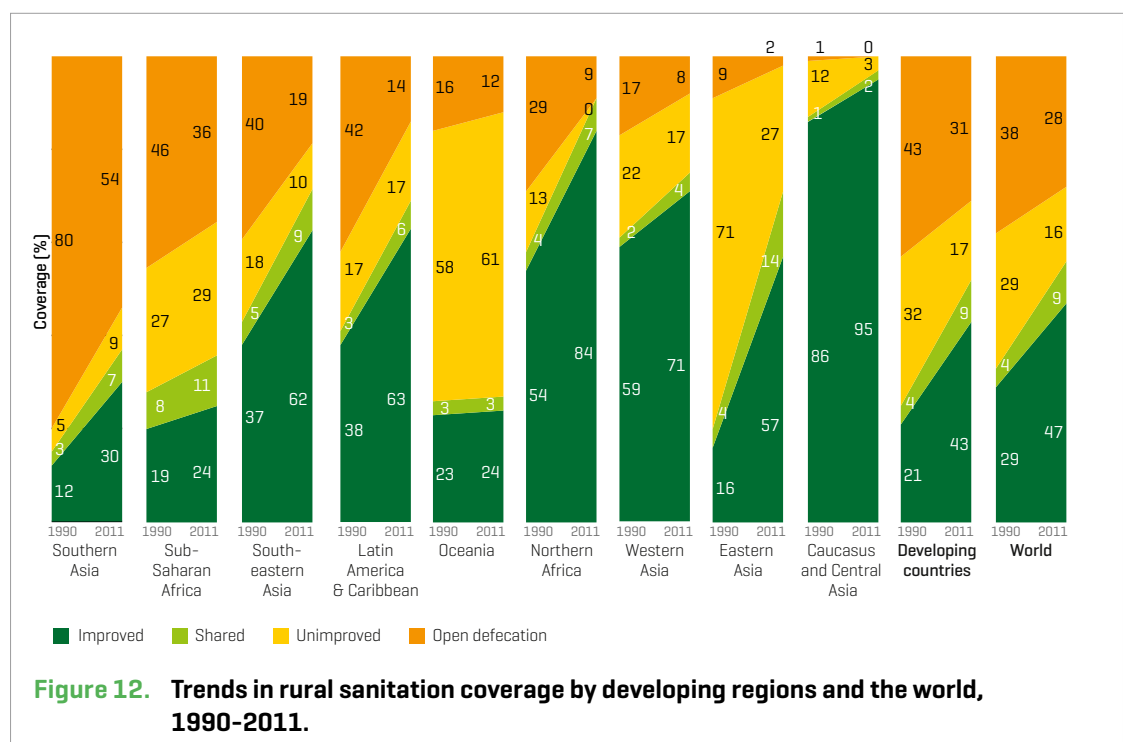
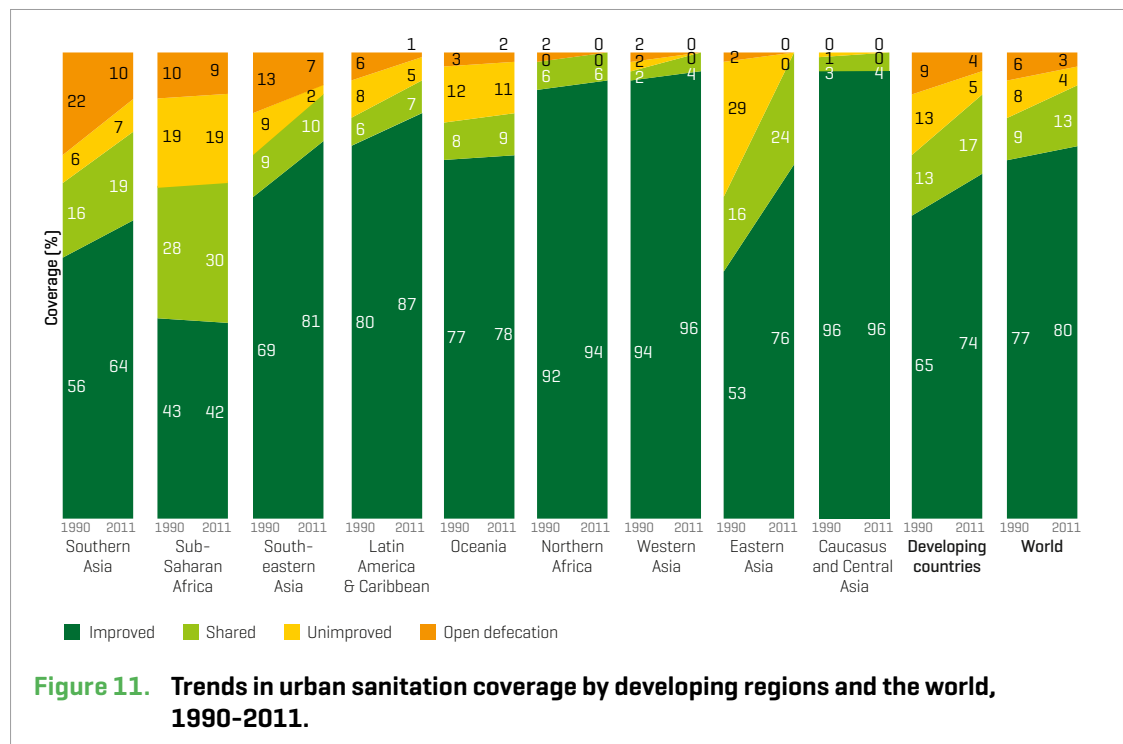
Country, area or territory	Year	USE OF DRINKING-WATER SOURCES (percentage of population)														Proportion of the 2011 population that gained access since 1995 (%)	
		URBAN					RURAL					NATIONAL					
		Improved			Unimproved		Improved			Unimproved		Improved			Unimproved		
		Total improved	Piped on premises	Other improved	Unimproved	Surface water	Total improved	Piped on premises	Other improved	Unimproved	Surface water	Total improved	Piped on premises	Other improved	Unimproved		Surface water
Turkmenistan	1990 2000 2011	99 97 89	- 81 77	- 16 12	0 2 10	1 1 1	- 72 54	- 29 15	- 43 39	- 8 46	- 20 -	- 83 71	- 53 45	- 30 26	- 6 29	- 11 -	0
Turks and Caicos Islands	1990 2000 2011	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	87 - -	28 - -	59 - -	13 - -	- - -	-
Tuvalu	1990 2000 2011	92 95 98	92 95 97	0 0 1	8 5 2	- - -	89 93 97	89 93 97	0 0 0	11 7 3	- - -	90 94 98	90 94 97	0 0 1	10 6 2	- - -	12
Uganda	1990 2000 2011	79 85 91	8 14 20	71 71 71	18 12 6	3 3 3	36 53 72	0 1 2	36 52 70	38 28 17	26 19 11	41 57 75	1 2 5	40 55 70	35 26 16	24 17 9	45
Ukraine	1990 2000 2011	100 99 98	- 92 86	- 7 12	0 1 2	0 0 0	92 98	- 50 22	- 42 76	- 8 2	0 0 0	97 98	- 78 66	- 19 32	- 3 2	- 0 0	NA*
United Arab Emirates	1990 2000 2011	100 100 100	- 80 -	- 20 -	0 0 0	0 0 0	100 100 100	- 70 -	- 30 -	0 0 0	0 0 0	100 100 100	- 78 -	- 22 -	0 0 0	0 0 0	70
United Kingdom of Great Britain and Northern Ireland	1990 2000 2011	100 100 100	100 100 100	0 0 0	0 0 0	0 0 0	100 100 100	98 98 98	2 2 2	0 0 0	0 0 0	100 100 100	100 100 100	0 0 0	0 0 0	0 0 0	7
United Republic of Tanzania	1990 2000 2011	94 87 79	33 29 23	61 58 56	3 10 18	3 3 3	46 45 44	0 2 4	46 43 40	30 32 33	24 23 23	55 54 53	7 8 9	48 46 44	25 27 30	20 19 17	18
United States of America	1990 2000 2011	100 100 100	97 97 97	3 3 3	0 0 0	0 0 0	94 94 94	46 - -	48 - -	6 6 6	- - -	98 99 99	84 - -	14 - -	2 1 1	- - -	15
United States Virgin Islands	1990 2000 2011	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	100 100 100	41 46 -	59 54 -	0 0 0	0 0 0	2
Uruguay	1990 2000 2011	98 99 100	95 96 100	3 3 0	2 1 0	0 0 0	82 88 98	56 70 97	26 18 1	17 11 1	1 1 1	96 98 100	90 94 99	6 4 1	4 2 0	0 0 0	7
Uzbekistan	1990 2000 2011	97 98 98	86 86 85	11 12 13	1 1 1	2 1 1	85 83 81	37 32 26	48 51 55	8 11 14	7 6 5	90 89 87	57 52 47	33 37 40	5 7 10	5 4 3	13
Vanuatu	1990 2000 2011	94 96 98	79 65 51	15 31 47	6 4 2	0 0 0	55 71 88	27 22 17	28 49 71	37 21 4	8 8 8	62 76 91	37 32 25	25 44 66	31 17 3	7 7 6	43
Venezuela (Bolivarian Republic of)	1990 2000 2011	93 94 -	87 89 -	6 5 -	6 5 -	1 1 -	71 74 -	44 50 -	27 24 -	13 10 -	16 16 -	90 92 -	81 85 -	9 7 -	7 6 -	3 2 -	-
Viet Nam	1990 2000 2011	88 94 99	45 51 58	43 43 41	6 2 1	6 4 0	50 71 94	0 4 9	50 67 85	31 16 3	19 13 3	58 77 96	9 15 24	49 62 72	26 12 2	16 11 2	39
West Bank and Gaza Strip	1990 2000 2011	100 94 82	- 87 75	- 7 7	0 5 17	0 1 1	- 87 82	- 64 70	- 23 12	- 10 15	- 3 3	- 92 82	- 81 74	- 11 8	- 7 17	- 1 1	21
Yemen	1990 2000 2011	96 83 72	84 77 71	12 6 1	3 16 27	1 1 1	59 52 47	12 20 26	47 32 21	34 41 47	7 7 6	66 60 55	27 35 40	39 25 15	28 35 41	6 5 4	16
Zambia	1990 2000 2011	89 87 86	48 42 36	41 45 50	10 12 12	1 1 2	22 36 50	1 1 2	21 35 48	46 37 28	32 27 22	48 54 64	20 16 15	28 38 49	32 28 22	20 18 14	30
Zimbabwe	1990 2000 2011	100 99 97	97 88 78	3 11 19	0 1 3	0 0 0	71 70 69	7 6 5	64 64 64	17 20 23	12 10 8	79 80 80	33 34 33	46 46 47	12 13 15	9 7 5	7

Region or world	Year	Population (x 1000)	Percentage urban population	USE OF SANITATION FACILITIES (percentage of population)												Proportion of the 2011 population that gained access since 1995 (%)
				URBAN				RURAL				TOTAL				
				Improved	Unimproved			Improved	Unimproved			Improved	Unimproved			
					Shared	Unimproved	Open defecation		Shared	Unimproved	Open defecation		Shared	Unimproved	Open defecation	
Sub-Saharan Africa	1990	515 588	28	43	28	19	10	19	8	27	46	26	14	24	36	13
	2000	669 118	32	43	29	18	10	20	9	28	43	28	16	24	32	
	2011	877 563	37	42	30	19	9	24	11	29	36	30	18	26	26	
Northern Africa	1990	119 694	49	92	6	0	2	54	4	13	29	72	5	7	16	29
	2000	141 978	52	93	6	0	1	71	5	6	18	83	6	2	9	
	2011	168 355	55	94	6	0	0	84	7	0	9	90	6	0	4	
Eastern Asia	1990	1 216 665	29	53	16	29	2	16	4	71	9	27	7	59	7	33
	2000	1 347 625	38	64	19	16	1	36	9	50	5	47	13	36	4	
	2011	1 430 886	52	76	24	0	0	57	14	27	2	67	19	13	1	
Southern Asia	1990	1 195 985	26	56	16	6	22	12	3	5	80	24	6	6	64	20
	2000	1 460 201	29	60	17	7	16	20	5	7	68	32	8	7	53	
	2011	1 728 477	33	64	19	7	10	30	7	9	54	41	11	9	39	
South-eastern Asia	1990	445 361	32	69	9	9	13	37	5	18	40	47	6	16	31	28
	2000	523 831	38	74	10	6	10	50	7	14	29	59	8	11	22	
	2011	600 025	45	81	10	2	7	62	9	10	19	71	10	5	14	
Western Asia	1990	127 092	61	94	2	2	2	59	2	22	17	80	2	10	8	33
	2000	161 478	64	94	4	1	1	63	3	20	14	83	4	7	6	
	2011	211 444	68	96	4	0	0	71	4	17	8	88	4	5	3	
Oceania	1990	6 459	24	77	8	12	3	23	3	58	16	36	4	47	13	10
	2000	8 093	24	78	8	12	2	23	3	59	15	36	4	48	12	
	2011	10 141	23	78	9	11	2	24	3	61	12	36	4	50	10	
Latin America and the Caribbean	1990	443 032	70	80	6	8	6	38	3	17	42	68	5	10	17	24
	2000	521 429	75	84	6	6	4	49	4	18	29	75	6	9	10	
	2011	596 629	79	87	7	5	1	63	6	17	14	82	6	8	4	
Caucasus and Central Asia	1990	66 627	48	96	3	1	0	86	1	12	1	91	2	6	1	18
	2000	71 294	44	94	4	2	0	86	2	11	1	90	3	7	0	
	2011	78 177	44	96	4	0	0	95	2	3	0	96	3	1	0	
Developing countries	1990	4 136 502	35	65	13	13	9	21	4	32	43	36	7	26	31	24
	2000	4 905 047	40	69	15	9	7	32	7	24	37	47	10	18	25	
	2011	5 701 698	46	74	17	5	4	43	9	17	31	57	13	12	18	
Developed countries	1990	1 149 637	72	97	2	1	0	90	3	7	0	95	3	2	0	6
	2000	1 195 733	74	96	2	2	0	90	3	7	0	95	2	3	0	
	2011	1 249 023	78	97	2	1	0	92	3	5	0	96	2	2	0	
Least developed countries	1990	510 107	21	40	24	22	14	16	7	24	53	21	11	23	45	18
	2000	661 996	24	45	23	21	11	23	9	25	43	29	13	23	35	
	2011	851 103	29	48	26	20	6	31	12	25	32	36	16	23	25	
World	1990	5 286 139	43	77	9	8	6	29	4	29	38	49	6	21	24	21
	2000	6 100 780	47	77	11	7	5	38	6	22	34	56	8	16	20	
	2011	6 950 721	52	80	13	4	3	47	9	16	28	64	11	10	15	

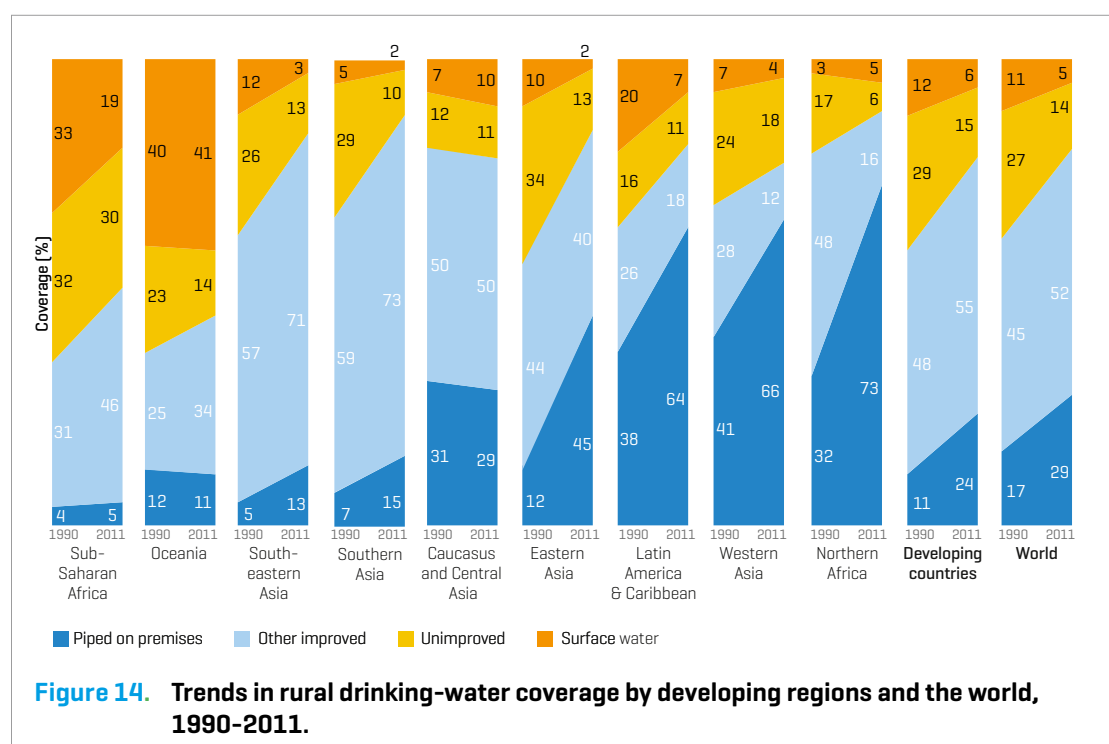
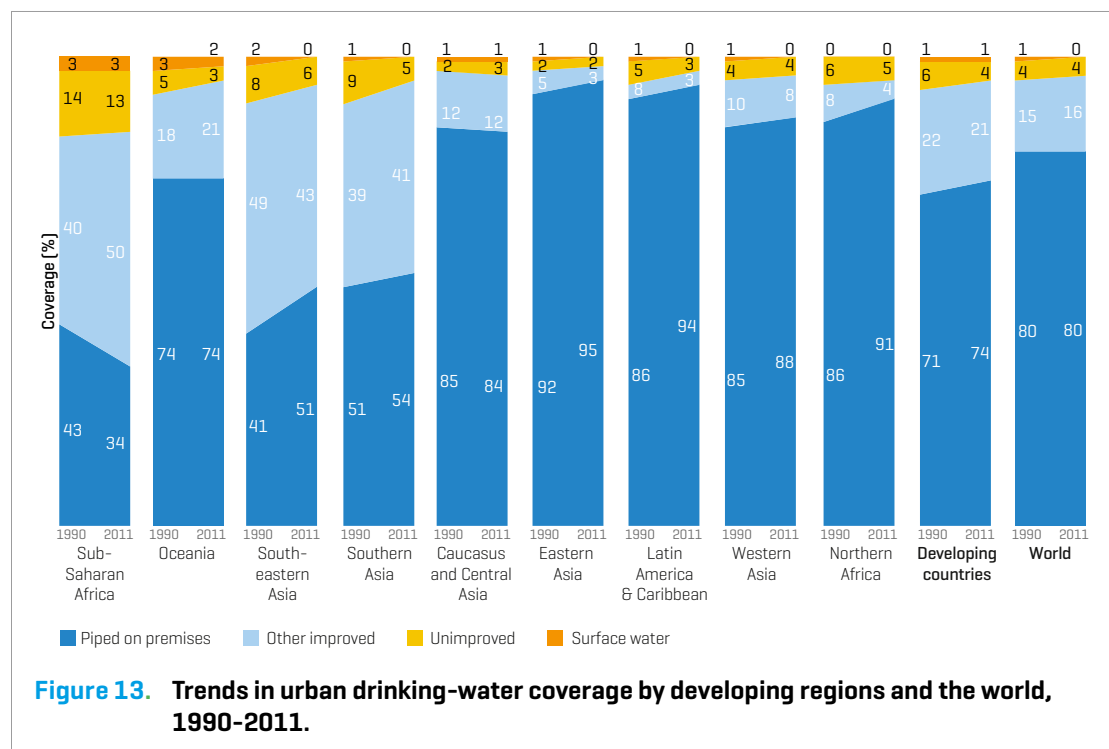
<sup>1</sup> For communication purposes in its report, the JMP displays these proportions as rounded integers, which together add to 100% for drinking-water and sanitation, respectively. For its database on the JMP web site ([www.wssinfo.org](http://www.wssinfo.org)), we use unrounded estimates to achieve greater accuracy when converting coverage estimates into numbers of people with or without access. Any "apparent" discrepancies between the published estimates and those derived from the JMP web site are due to the published estimates appearing rounded to the nearest integer.

Region or world	Year	USE OF DRINKING-WATER SOURCES (percentage of population)														Proportion of the 2011 population that gained access since 1995 (%)	
		URBAN					RURAL					TOTAL					
		Improved			Unimproved		Improved			Unimproved		Improved			Unimproved		
		Total improved	Piped on premises	Other improved	Unimproved	Surface water	Total improved	Piped on premises	Other improved	Unimproved	Surface water	Total improved	Piped on premises	Other improved	Unimproved		Surface water
Sub-Saharan Africa	1990	83	43	40	14	3	35	4	31	32	33	49	15	34	27	24	28
	2000	83	39	44	14	3	42	4	38	32	26	55	15	40	26	19	
	2011	84	34	50	13	3	51	5	46	30	19	63	15	48	24	13	
Northern Africa	1990	94	86	8	6	0	80	32	48	17	3	87	58	29	11	2	23
	2000	94	89	5	6	0	84	51	33	12	4	89	71	18	9	2	
	2011	95	91	4	5	0	89	73	16	6	5	92	83	9	6	2	
Eastern Asia	1990	97	92	5	2	1	56	12	44	34	10	68	35	33	25	7	25
	2000	98	93	5	2	0	71	29	42	23	6	81	53	28	15	4	
	2011	98	95	3	2	0	85	45	40	13	2	92	71	21	7	1	
Southern Asia	1990	90	51	39	9	1	66	7	59	29	5	72	19	53	24	4	32
	2000	92	53	39	7	1	76	11	65	20	4	81	23	58	16	3	
	2011	95	54	41	5	0	88	15	73	10	2	90	28	62	9	1	
South-eastern Asia	1990	90	41	49	8	2	62	5	57	26	12	71	17	54	20	9	28
	2000	92	45	47	6	2	72	10	62	19	9	80	24	56	14	6	
	2011	94	51	43	6	0	84	13	71	13	3	89	30	59	9	2	
Western Asia	1990	95	85	10	4	1	69	41	28	24	7	85	68	17	12	3	32
	2000	96	87	9	3	1	73	53	20	20	7	87	75	12	10	3	
	2011	96	88	8	4	0	78	66	12	18	4	90	81	9	9	1	
Oceania	1990	92	74	18	5	3	37	12	25	23	40	50	27	23	19	31	21
	2000	93	75	18	5	2	41	12	29	20	39	53	27	26	16	31	
	2011	95	74	21	3	2	45	11	34	14	41	56	25	31	12	32	
Latin America and the Caribbean	1990	94	86	8	5	1	64	38	26	16	20	85	72	13	8	7	23
	2000	96	90	6	3	1	72	50	22	14	14	90	80	10	6	4	
	2011	97	94	3	3	0	82	64	18	11	7	94	88	6	4	2	
Caucasus and Central Asia	1990	97	85	12	2	1	81	31	50	12	7	89	56	33	7	4	10
	2000	96	84	12	3	1	77	29	48	11	12	85	53	32	8	7	
	2011	96	84	12	3	1	79	29	50	11	10	86	53	33	8	6	
Developing countries	1990	93	71	22	6	1	59	11	48	29	12	70	32	38	22	8	28
	2000	94	72	22	5	1	69	19	50	22	9	79	40	39	15	6	
	2011	95	74	21	4	1	79	24	55	15	6	87	47	40	10	3	
Developed countries	1990	99	97	2	1	0	94	69	25	6	0	98	89	9	2	0	7
	2000	100	97	3	0	0	95	77	18	5	0	98	92	6	2	0	
	2011	100	97	3	0	0	97	79	18	2	1	99	93	6	1	0	
Least developed countries	1990	81	29	52	15	4	44	2	42	33	23	51	7	44	30	19	29
	2000	79	31	48	17	4	49	3	46	32	19	56	9	47	28	16	
	2011	83	33	50	15	2	58	4	54	29	13	65	12	53	25	10	
World	1990	95	80	15	4	1	62	17	45	27	11	76	44	32	18	6	24
	2000	95	80	15	4	1	71	24	47	21	8	83	50	33	12	5	
	2011	96	80	16	4	0	81	29	52	14	5	89	55	34	8	3	

# TRENDS IN URBAN AND RURAL SANITATION COVERAGE, 1990-2011

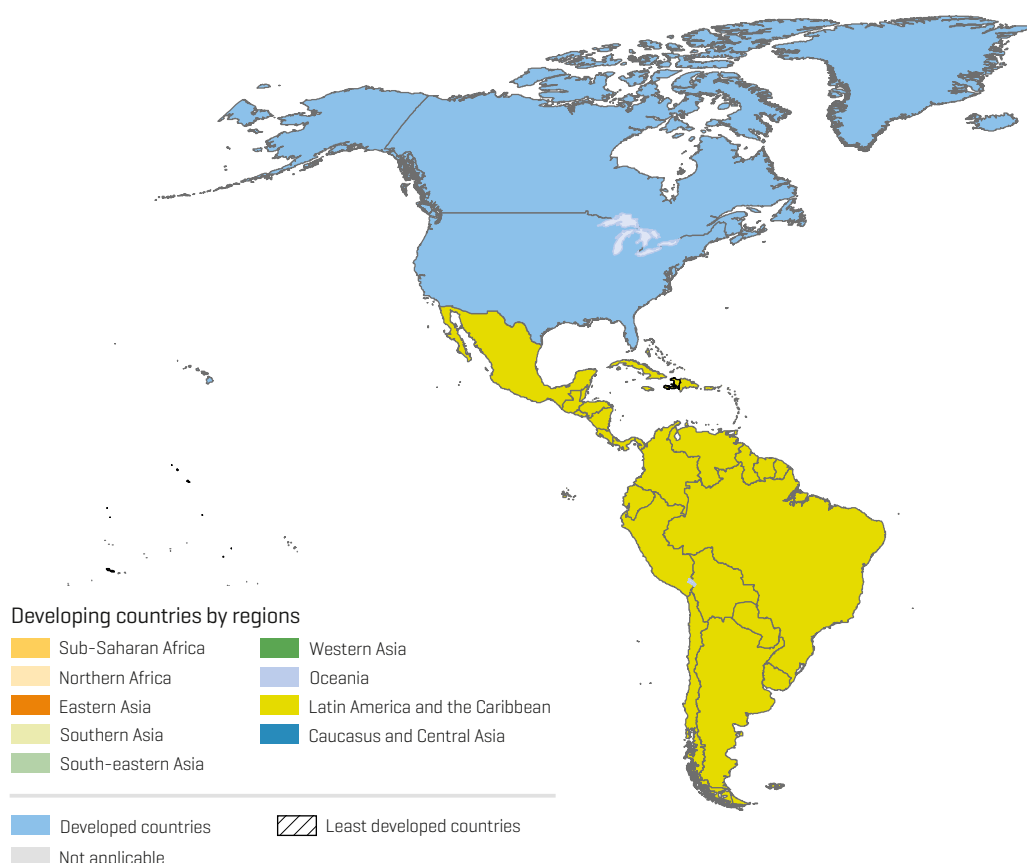


# TRENDS IN URBAN AND RURAL DRINKING-WATER COVERAGE, 1990-2011





# MILLENNIUM DEVELOPMENT GOALS: REGIONAL GROUPINGS



## Developing countries by regions

### SUB-SAHARAN AFRICA

Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Comoros, Congo, Côte d'Ivoire, Democratic Republic of the Congo, Djibouti, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Lesotho, Liberia, Madagascar, Malawi, Mali, Mauritania, Mauritius, Mayotte, Mozambique, Namibia, Niger, Nigeria, Réunion, Rwanda, Sao Tome and Principe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, South Sudan, Sudan, Swaziland, Togo, Uganda, United Republic of Tanzania, Zambia, Zimbabwe

### NORTHERN AFRICA

Algeria, Egypt, Libya, Morocco, Tunisia, Western Sahara

### EASTERN ASIA

China, Democratic People's Republic of Korea, Mongolia, Republic of Korea

### SOUTHERN ASIA

Afghanistan, Bangladesh, Bhutan, India, Iran [Islamic Republic of], Maldives, Nepal, Pakistan, Sri Lanka

### SOUTH-EASTERN ASIA

Brunei Darussalam, Cambodia, Indonesia, Lao People's Democratic Republic, Malaysia, Myanmar, Philippines, Singapore, Thailand, Timor-Leste, Viet Nam

### WESTERN ASIA

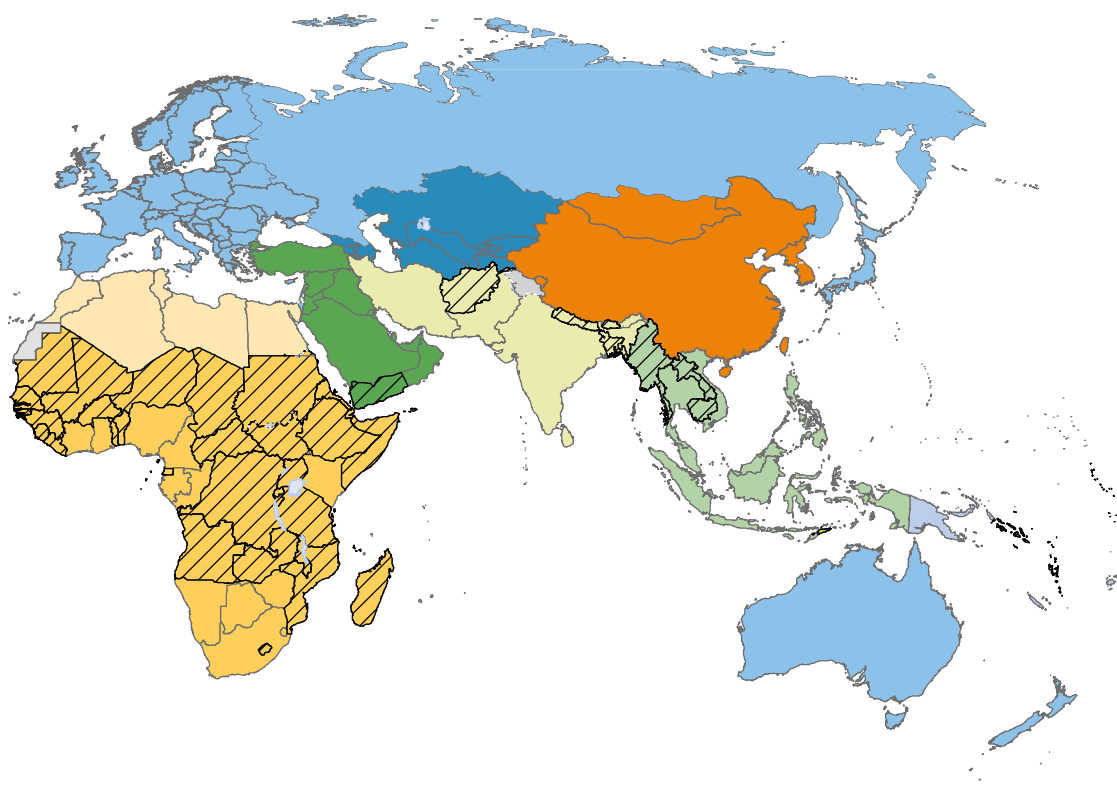
Bahrain, Iraq, Jordan, Kuwait, Lebanon, West Bank and Gaza Strip, Oman, Qatar, Saudi Arabia, Syrian Arab Republic, Turkey, United Arab Emirates, Yemen

### OCEANIA

American Samoa, Cook Islands, Fiji, French Polynesia, Guam, Kiribati, Marshall Islands, Micronesia [Federated States of], Nauru, New Caledonia, Niue, Northern Mariana Islands, Palau, Papua New Guinea, Samoa, Solomon Islands, Tokelau, Tonga, Tuvalu, Vanuatu

### LATIN AMERICA & THE CARIBBEAN

Anguilla, Antigua and Barbuda, Argentina, Aruba, Bahamas,



Barbados, Belize, Bolivia  
[Plurinational State of], Brazil, British  
Virgin Islands, Cayman Islands,  
Chile, Colombia, Costa Rica, Cuba,  
Dominica, Dominican Republic,  
Ecuador, El Salvador, Falkland  
Islands [Malvinas], French Guiana,  
Grenada, Guadeloupe, Guatemala,  
Guyana, Haiti, Honduras, Jamaica,  
Martinique, Mexico, Montserrat,  
Netherlands Antilles, Nicaragua,  
Panama, Paraguay, Peru, Puerto Rico,  
Saint Kitts and Nevis, Saint Lucia,  
Saint Vincent and the Grenadines,  
Suriname, Trinidad and Tobago, Turks  
and Caicos Islands, United States  
Virgin Islands, Uruguay, Venezuela  
[Bolivarian Republic of]

#### ■ CAUCASUS AND CENTRAL ASIA

Armenia, Azerbaijan, Georgia,  
Kazakhstan, Kyrgyzstan, Tajikistan,  
Turkmenistan, Uzbekistan

#### ■ Developed countries

Albania andorra, Australia, Austria,  
Belarus, Belgium, Bermuda, Bosnia  
and Herzegovina, Bulgaria, Canada,  
Channel Islands, Croatia, Cyprus,  
Czech Republic, Denmark, Estonia,  
Faeroe Islands, Finland, France,  
Germany, Greece, Greenland,  
Hungary, Iceland, Ireland, Isle  
of Man, Israel, Italy, Japan,  
Latvia, Liechtenstein, Lithuania,  
Luxembourg, Malta, Monaco,  
Montenegro, Netherlands, New  
Zealand, Norway, Poland, Portugal,  
Republic of Moldova, Romania,  
Russian Federation, San Marino,  
Serbia, Slovakia, Slovenia, Spain,  
Sweden, Switzerland, The former  
Yugoslav Republic of Macedonia,  
Ukraine, United Kingdom of Great  
Britain and Northern Ireland, United  
States of America

#### ▨ Least developed countries

Afghanistan, Angola, Bangladesh,  
Benin, Bhutan, Burkina Faso, Burundi,  
Cambodia, Central African Republic,  
Chad, Comoros, Democratic Republic  
of the Congo, Djibouti, Equatorial  
Guinea, Eritrea, Ethiopia, Gambia,  
Guinea, Guinea-Bissau, Haiti, Kiribati,  
Lao People's Democratic Republic,  
Lesotho, Liberia, Madagascar, Malawi,  
Mali, Mauritania, Mozambique,  
Myanmar, Nepal, Niger, Rwanda,  
Samoa, Sao Tome and Principe,  
Senegal, Sierra Leone, Solomon  
Islands, Somalia, South Sudan,  
Sudan, Timor-Leste, Togo, Tuvalu,  
Uganda, United Republic of Tanzania,  
Vanuatu, Yemen, Zambia



JMP web site: [www.wssinfo.org](http://www.wssinfo.org)

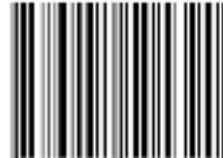


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